



FIG. 1

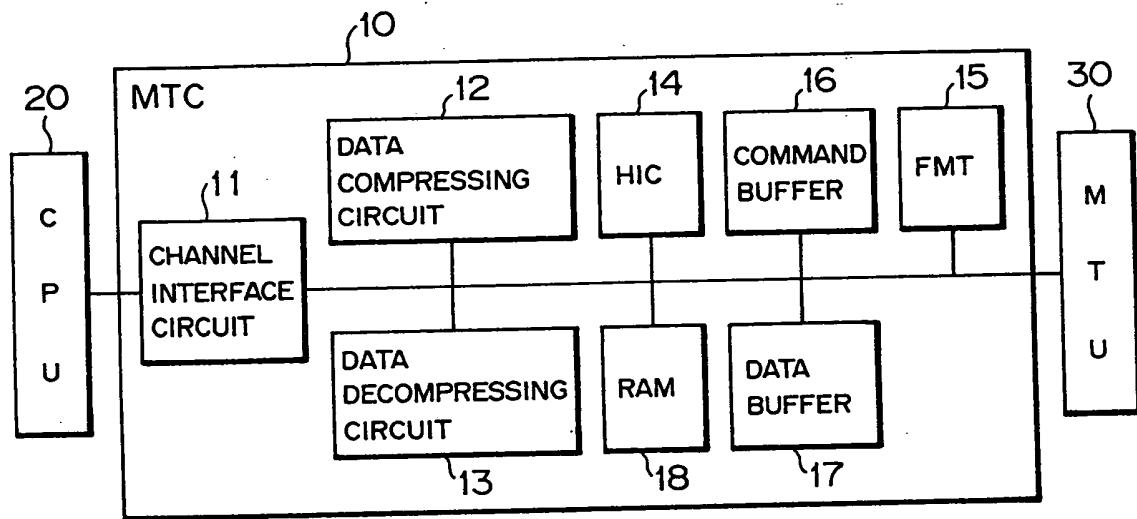


FIG. 2(A)

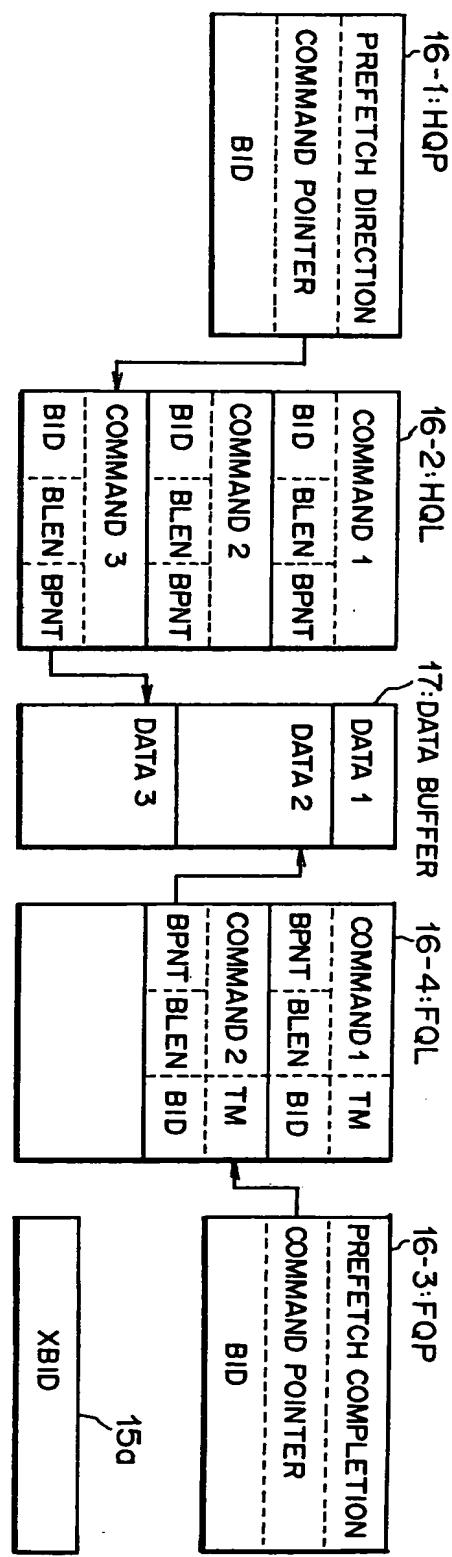


FIG. 2(B)

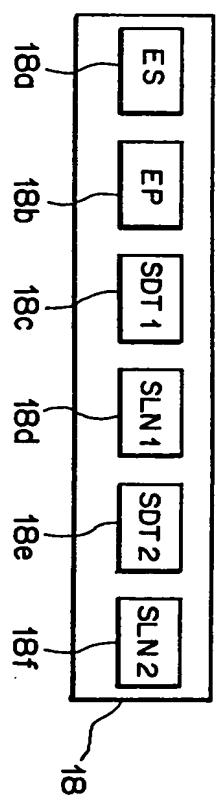


FIG. 3(A)



FIG. 3(B)

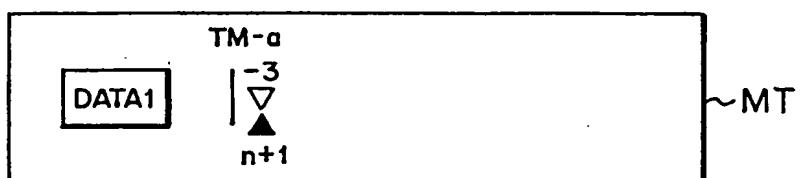


FIG. 3(C)

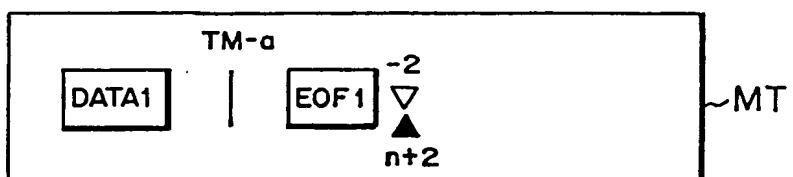


FIG. 3(D)

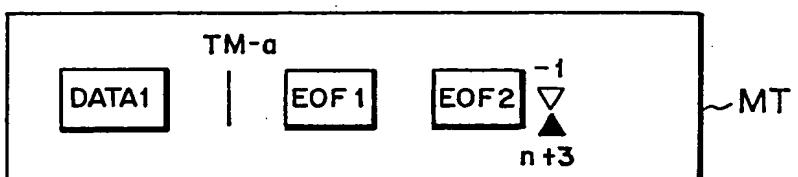


FIG. 3(E)

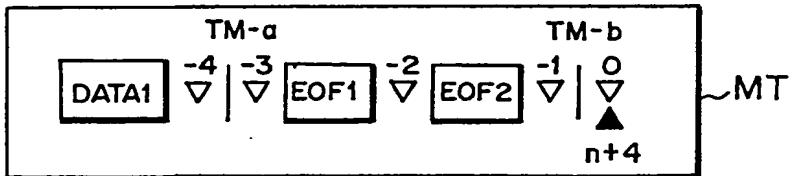


FIG. 3(F)

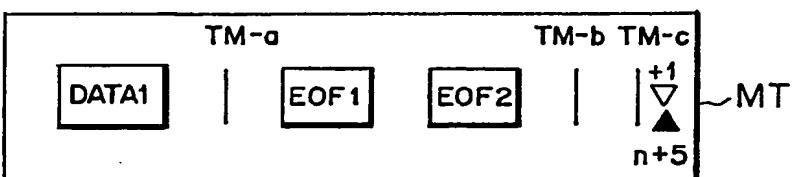


FIG. 3(G)

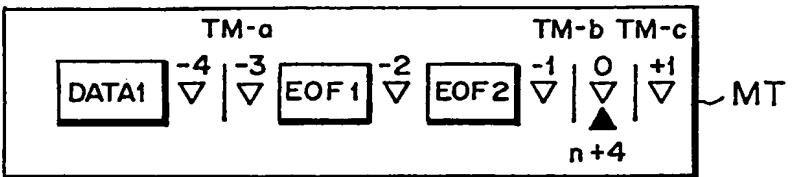
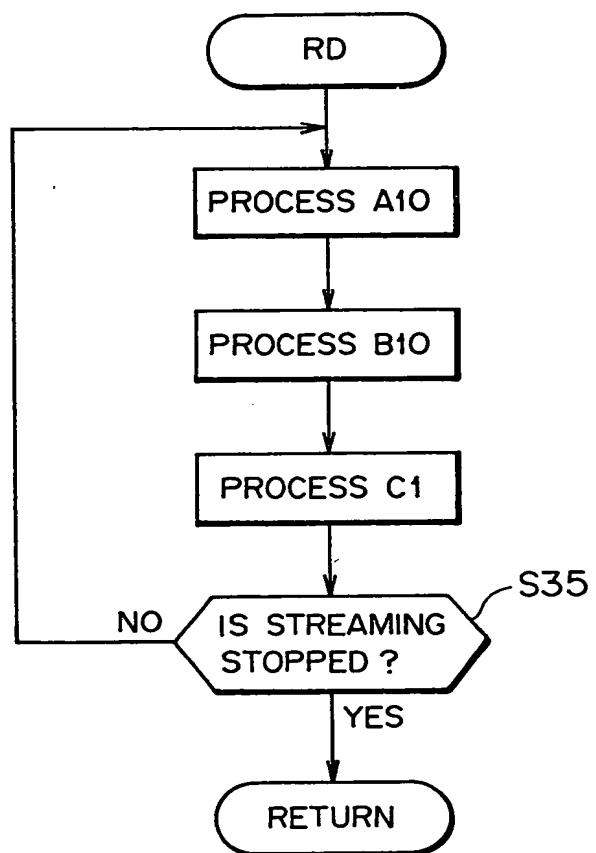


FIG. 4



F I G. 5

PROCESS A10				PROCESS B10								PROCESS ID
CONDITIONS		RE-POSITION	OPERATION	UPDATE XBID	CONDITIONS	UPDATE ES	UPDATE EP	TM FLAG	SAVE AREA PROCESS	BLEN	BID	
ES	EP											
0	-4	--	REAL READ	XBID+1	TM	1	-3	1	--	0	XBID	1000
					OTHERS	0	-4	0	--	LEN		1001
1	-3	--	REAL READ	XBID+1	EOF	2	-2	0	SDT1←BUF :SLN1←LEN	LEN	XBID	1100
					TM	1	-3	1	--	0	XBID	1101
					OTHERS	0	-4	0	--	LEN		1102
2	-2	--	REAL READ	XBID+1	EOF	3	-1	0	SDT2←BUF :SLN2←LEN	LEN	XBID	1200
					TM	1	-3	1	--	0	XBID	1201
					OTHERS	0	-4	0	--	LEN		1202
3	-1	--	REAL READ	XBID+1	TM	4	0	1	--	0	XBID	1300
					OTHERS	0	-4	0	--	LEN		1301
4	-4	--	EMULATE	--	--	4	-3	1	--	0		
	-3	--	EMULATE	--	--	4	-2	0	BUF←SDT1:	SLN1	XBID	1410
	-2	--	EMULATE	--	--	4	-1	0	BUF←SDT2:	SLN2	+ EP	1420
	-1	--	EMULATE	--	--	4	0	1	--	0		1430
5	+1	--	REAL READ	XBID+1	EOF	2	-2	0	SDT1←BUF :SLN1←LEN	--		
					TM	5	+1	1	--	--	XBID	1441
					OTHERS	0	-4	0	--	--		1442
					EOF	2	-2	0	SDT1←BUF :SLN1←LEN	--		1500
6	+1	--	REAL READ	XBID+1	TM	1	-3	1	--	--	XBID	1501
					OTHERS	0	-4	0	--	--		1502
					EOF	2	-3	1	--	0		1600
7	-4	--	EMULATE	--	--	6	-3	1	--	0		
	-3	--	EMULATE	--	--	6	-2	0	BUF←SDT1:	SLN1	XBID	1610
	-2	--	EMULATE	--	--	6	-1	0	BUF←SDT2:	SLN2	+ EP	1620
	-1	--	EMULATE	--	--	6	0	1	--	0		1630
8	0	--	EMULATE	--	--	6	+1	1	--	0		1640
	+1	XBID +EP	REAL READ	XBID+1	TM	1	-3	1	--	0	XBID	1650
			OTHERS		0	-4	0	--	--	LEN		1651

FIG. 6

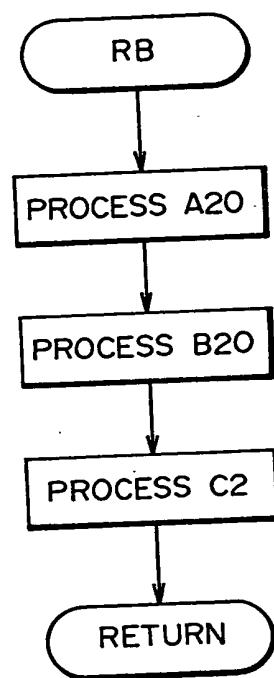


FIG. 7

PROCESS A20				PROCESS B20								PROCESS ID	
CONDITIONS		RE-POSITION	OPERATION	UPDATE XBID	CONDITIONS		UPDATE ES	UPDATE EP	TM FLAG	SAVE AREA PROCESS		BLEN	BID
ES	EP				TM	0	-4	1	--			0	
0	-4	--	REAL RB	XBID-1	TM	0	-4	1	--			0	XBID
					OTHERS	0	-4	0	--			0	
1	-3	--	REAL RB	XBID-1	TM	0	-4	1	--			0	XBID
					OTHERS	0	-4	0	--			0	
2	-2	--	REAL RB	XBID-1	TM	0	-4	1	--			0	XBID
					OTHERS	0	-4	0	--			0	
3	-1	--	REAL RB	XBID-1	TM	0	-4	1	--			0	XBID
					OTHERS	0	-4	0	--			0	
4	-4	XBID + EP	REAL RB	XBID-1	TM	0	-4	1	--			0	XBID
					OTHERS	0	-4	0	--			0	
	-3	--	EMULATE	--	--	--	-4	1	--			0	XBID + EP
					--	--	-3	0	--			0	
	-2	--	EMULATE	--	--	--	-2	0	--			0	XBID + EP
					--	--	-1	1	--			0	
5	-1	--	EMULATE	--	--	--	-1	1	--			0	XBID
					--	--	-1	1	--			0	
	0	--	REAL RB	XBID-1	--	6	0	1	--			0	XBID
					TM	0	-4	1	--			0	
	+1	--	REAL RB	XBID-1	OTHERS	0	-4	0	--			0	XBID
					--	--	-4	1	--			0	
6	-4	XBID + EP	REAL RB	XBID-1	TM	0	-4	1	--			0	XBID
					OTHERS	0	-4	0	--			0	
	-3	--	EMULATE	--	--	--	-4	1	--			0	XBID + EP
					--	--	-3	0	--			0	
	-2	--	EMULATE	--	--	--	-2	0	--			0	XBID + EP
					--	--	-1	1	--			0	
7	-1	--	EMULATE	--	--	--	-1	1	--			0	XBID
					--	--	0	1	--			0	
8	0	--	EMULATE	--	--	--	-1	1	--			0	XBID + EP
					--	--	0	1	--			0	
9	+1	--	EMULATE	--	--	--	-1	1	--			0	XBID + EP
					--	--	0	1	--			0	

FIG. 8

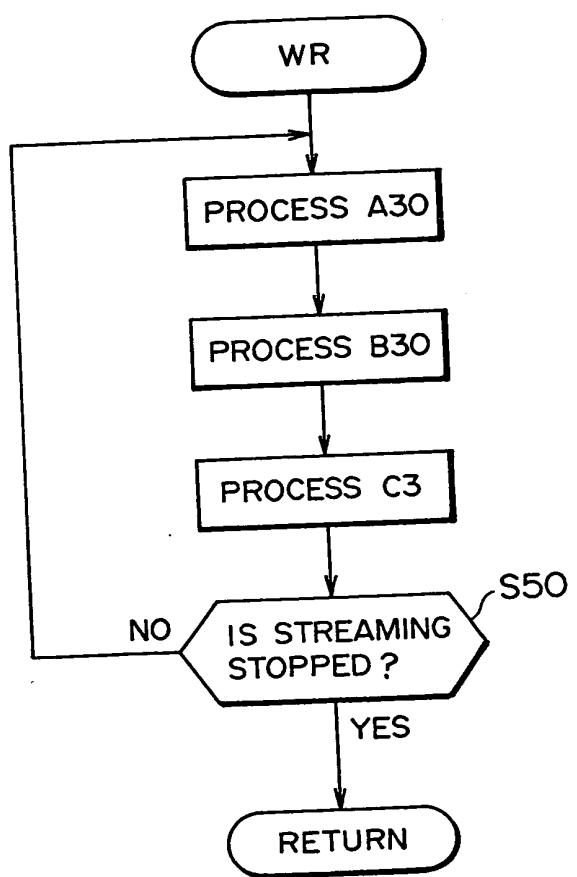


FIG. 9

PROCESS A30				PROCESS B30								PROCESS ID		
CONDITIONS		RE-POSITION	OPERATION	UPDATE XBID	CONDITIONS		UPDATE ES	UPDATE EP	TM FLAG	SAVE AREA PROCESS		BLEN	BID	
ES	EP				EOF	OTHERS								
0	-4	--	REAL WR	XBID+1	--		0	-4	--	--		LEN	XBID	3000
1	-3	--	REAL WR	XBID+1	EOF	OTHERS	2	-2	--	SDT1←BUF ;SLN1←LEN		LEN	XBID	3100
2	-2	--	REAL WR	XBID+1	EOF	OTHERS	3	-1	--	SDT2←BUF ;SLN2←LEN		LEN	XBID	3200
3	-1	--	REAL WR	XBID+1	--		0	-4	--	--		LEN	XBID	3300
4	-4	XBID + EP	REAL WR	XBID+1	--		0	-4	--	--		LEN	XBID	3400
	-3		REAL WR	XBID+1	EOF	OTHERS	2	-2	--	SDT1←BUF ;SLN1←LEN		LEN	XBID	3410
	-2		REAL WR	XBID+1	EOF	OTHERS	3	-1	--	SDT2←BUF ;SLN2←LEN		LEN	XBID	3420
	-1		REAL WR	XBID+1	--		0	-4	--	--		LEN	XBID	3430
	0		REAL WR	XBID+1	EOF	OTHERS	2	-2	--	SDT1←BUF ;SLN1←LEN		LEN	XBID	3140
5	+1	--	REAL WR	XBID+1	--		0	-4	--	--		LEN	XBID	3500
	-4	XBID + EP	REAL WR	XBID+1	--		0	-4	--	--		LEN	XBID	3600
	-3		REAL WR	XBID+1	EOF	OTHERS	2	-2	--	SDT1←BUF ;SLN1←LEN		LEN	XBID	3610
	-2		REAL WR	XBID+1	EOF	OTHERS	3	-1	--	SDT2←BUF ;SLN2←LEN		LEN	XBID	3620
	-1		REAL WR	XBID+1	--		0	-4	--	--		LEN	XBID	3630
6	0	--	REAL WR	XBID+1	EOF	OTHERS	2	-2	--	SDT1←BUF ;SLN1←LEN		LEN	XBID	3640
	+1	XBID + EP	REAL WR	XBID+1	EOF	OTHERS	2	-2	--	SDT1←BUF ;SLN1←LEN		LEN	XBID	3650

FIG. 10

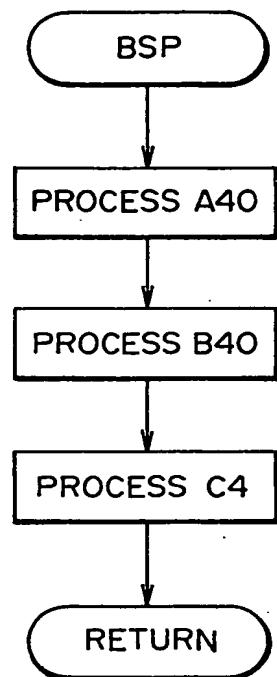


FIG. 11

PROCESS A40				PROCESS B40							PROCESS ID	
CONDITIONS		RE-POSITION	OPERATION	UPDATE XBID	CONDITIONS	UPDATE ES	UPDATE EP	TN FLAG	SAVE AREA PROCESS	BLEN	BID	
ES	EP											
0	-4	--	REAL BSP	XBID-1	--	0	-4	0	--	0	XBID	4000
1	-3	--	REAL BSP	XBID-1	--	0	-4	0	--	0	XBID	4100
2	-2	--	REAL BSP	XBID-1	--	0	-4	0	--	0	XBID	4200
3	-1	--	REAL BSP	XBID-1	--	0	-4	0	--	0	XBID	4300
4	-4	XBID + EP	REAL BSP	XBID-1	--	0	-4	0	--	0	XBID	4400
	-3	--	EMULATE		--	4	-4	1	--	0		4410
	-2	--	EMULATE		--	4	-3	0	--	0	XBID	4420
	-1	--	EMULATE		--	4	-2	0	--	0	+ EP	4430
	0	--	EMULATE		--	4	-1	1	--	0		4440
5	+1	--	REAL BSP	XBID-1	--	6	0	1	--	0	XBID	4500
6	-4	XBID + EP	REAL BSP	XBID-1	--	0	-4	0	--	0	XBID	4600
	-3	--	EMULATE		--	4	-4	1	--	0		4610
	-2	--	EMULATE		--	4	-3	0	--	0		4620
	-1	--	EMULATE		--	4	-2	0	--	0	XBID + EP	4630
	0	--	EMULATE		--	4	-1	1	--	0		4640
	+1	--	EMULATE		--	4	0	1	--	0		4650

FIG.12

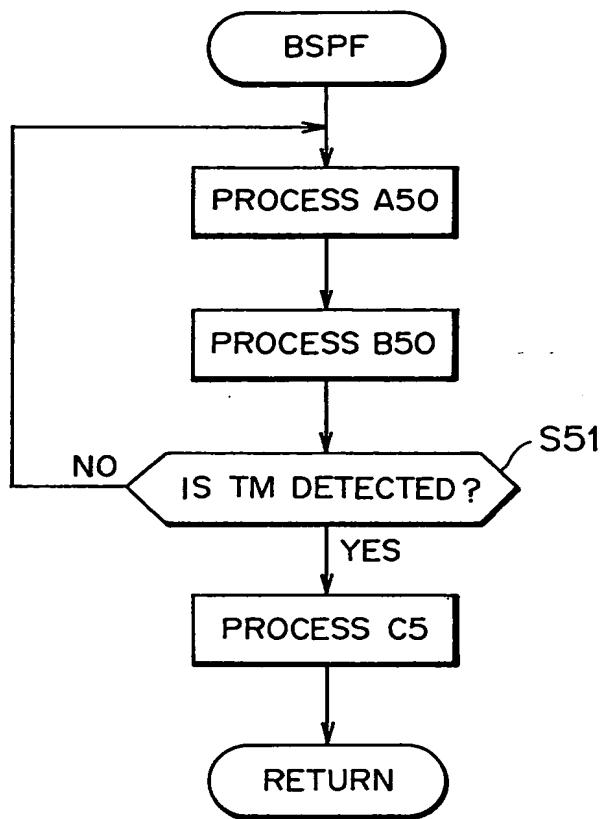


FIG. 13

PROCESS A50				PROCESS B50							PROCESS ID	
CONDITIONS		RE-POSITION	OPERATION	UPDATE XBID	CONDITIONS	UPDATE ES	UPDATE EP	TM FLAG	SAVE AREA PROCESS	BLEN	BID	
ES	EP											
0	-4	--	REAL BACK SPACE	XBID-1	--	0	-4	--	--	--	XBID	5000
1	-3	--	REAL BACK SPACE	XBID-1	--	0	-4	--	--	--	XBID	5100
2	-2	--	REAL BACK SPACE	XBID-1	--	0	-4	--	--	--	XBID	5200
3	-1	--	REAL BACK SPACE	XBID-1	--	0	-4	--	--	--	XBID	5300
	-4	XBID + EP	REAL BACK SPACE	XBID-1	--	0	-4	--	--	--	XBID	5400
4	-3	--	EMULATE	--	--	4	-4	--	--	--		5410
	-2	--	EMULATE	--	--	4	-3	--	--	--	XBID + EP	5420
	-1	--	EMULATE	--	--	4	-2	--	--	--		5430
	0	--	EMULATE	--	--	4	-1	--	--	--		5440
5	+1	--	REAL BACK SPACE	XBID-1	--	6	0	--	--	--	XBID	5500
6	-4	XBID + EP	REAL BACK SPACE	XBID-1	--	0	-4	--	--	--	XBID	5600
	-3	--	EMULATE	--	--	6	-4	--	--	--		5610
	-2	--	EMULATE	--	--	6	-3	--	--	--		5620
	-1	--	EMULATE	--	--	6	-2	--	--	--	XBID + EP	5630
	0	--	EMULATE	--	--	6	-1	--	--	--		5640
	+1	--	EMULATE	--	--	6	0	--	--	--		5650

FIG. 14

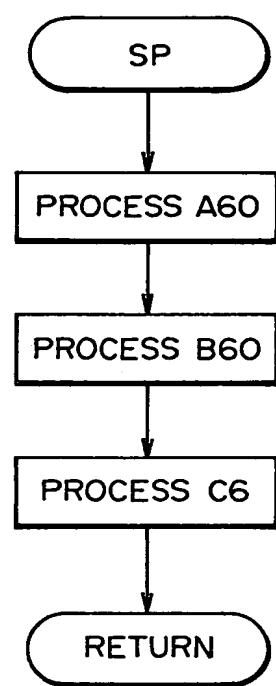


FIG. 15

PROCESS A60				PROCESS B60								PROCESS ID
CONDITIONS		RE-POSITION	OPERATION	UPDATE XBID	CONDITIONS	UPDATE ES	UPDATE EP	TM FLAG	SAVE AREA PROCESS	BLEN	BID	
ES	EP											
0	-4	--	REAL READ	XBID+1	TM	1	-3	1	--	--	--	XBID
					OTHERS	0	-4	0	--	--	--	6001
1	-3	--	REAL READ	XBID+1	EOF	2	-2	0	SDT1←BUF ;SLN1←LEN	--	--	6100
					TM	1	-3	1	--	--	--	XBID
					OTHERS	0	-4	0	--	--	--	6101
2	-2	--	REAL READ	XBID+1	EOF	3	-1	0	SDT2←BUF ;SLN2←LEN	--	--	6102
					TM	1	-3	1	--	--	--	XBID
					OTHERS	0	-4	0	--	--	--	6200
3	-1	--	REAL READ	XBID+1	TM	4	0	1	--	--	--	XBID
					OTHERS	0	-4	0	--	--	--	6300
4	-4	--	EMULATE	--	--	4	-3	1	--	--	--	6301
	-3	--		--	--	4	-2	0	--	--	--	XBID
	-2	--		--	--	4	-1	0	--	--	--	+ EP
	-1	--		--	--	4	0	1	--	--	--	6420
5	-1	--	REAL READ	XBID+1	EOF	2	-2	0	SDT1←BUF ;SLN1←LEN	--	--	6430
	0	--			TM	5	+1	1	--	--	--	XBID
					OTHERS	0	-4	0	--	--	--	6440
6	+1	--	REAL READ	XBID+1	EOF	2	-2	0	SDT1←BUF ;SLN1←LEN	--	--	6441
					TM	1	-3	1	--	--	--	XBID
					OTHERS	0	-4	0	--	--	--	6442
7	-4	--	EMULATE	--	--	6	-3	1	--	--	--	6500
	-3	--		--	--	6	-2	0	--	--	--	XBID
	-2	--		--	--	6	-1	0	--	--	--	+ EP
	-1	--		--	--	6	0	1	--	--	--	6620
	0	--		--	--	6	+1	1	--	--	--	6630
	+1	XBID +EP	REAL READ	XBID+1	TM	1	-3	1	--	--	--	XBID
					OTHERS	0	-4	0	--	--	--	6640

FIG. 16

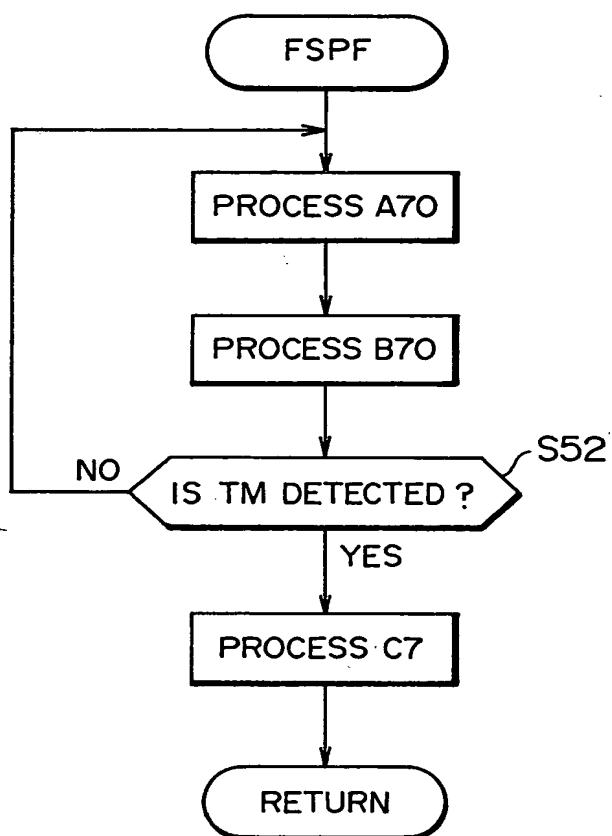


FIG. 17

PROCESS A70				PROCESS B70								PROCESS ID
CONDITIONS		RE-POSITION	OPERATION	UPDATE XBID	CONDITIONS	UPDATE ES	UPDATE EP	TM FLAG	SAVE AREA PROCESS	BLEN	BID	
ES	EP											
0	-4	--	REAL READ	XBID+1	TM	1	-3	1	--	--	--	XBID
					OTHERS	0	-4	0	--	--	--	
1	-3	--	REAL READ	XBID+1	EOF	2	-2	0	SDT1←BUF ;SLN1←LEN	--	--	XBID
					TM	1	-3	1	--	--	--	
					OTHERS	0	-4	0	--	--	--	
2	-2	--	REAL READ	XBID+1	EOF	3	-1	0	SDT2←BUF ;SLN2←LEN	--	--	XBID
					TM	1	-3	1	--	--	--	
					OTHERS	0	-4	0	--	--	--	
3	-1	--	REAL READ	XBID+1	TM	4	0	1	--	--	--	XBID
					OTHERS	0	-4	0	--	--	--	
4	-4	--	EMULATE	--	--	4	-3	1	--	--	--	XBID + EP
	-3	--	EMULATE	--	--	4	-2	0	--	--	--	
	-2	--	EMULATE	--	--	4	-1	0	--	--	--	
	-1	--	EMULATE	--	--	4	0	1	--	--	--	
	0	--	REAL READ	XBID+1	EOF	2	-2	0	SDT1←BUF ;SLN1←LEN	--	--	
5	+1	--	REAL READ	XBID+1	TM	5	+1	1	--	--	--	XBID
					OTHERS	0	-4	0	--	--	--	
					EOF	2	-2	0	SDT1←BUF ;SLN1←LEN	--	--	
6	-4	--	EMULATE	--	--	6	-3	1	--	--	--	XBID + EP
	-3	--	EMULATE	--	--	6	-2	0	--	--	--	
	-2	--	EMULATE	--	--	6	-1	0	--	--	--	
	-1	--	EMULATE	--	--	6	0	1	--	--	--	
	0	--	EMULATE	--	--	6	+1	1	--	--	--	
	+1	XBID + EP	REAL READ	XBID+1	TM	1	-3	1	--	--	--	
					OTHERS	0	-4	0	--	--	--	

FIG. 18

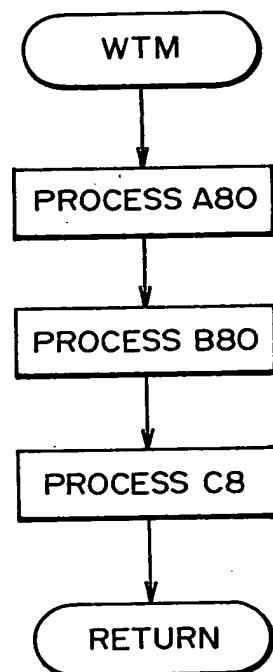
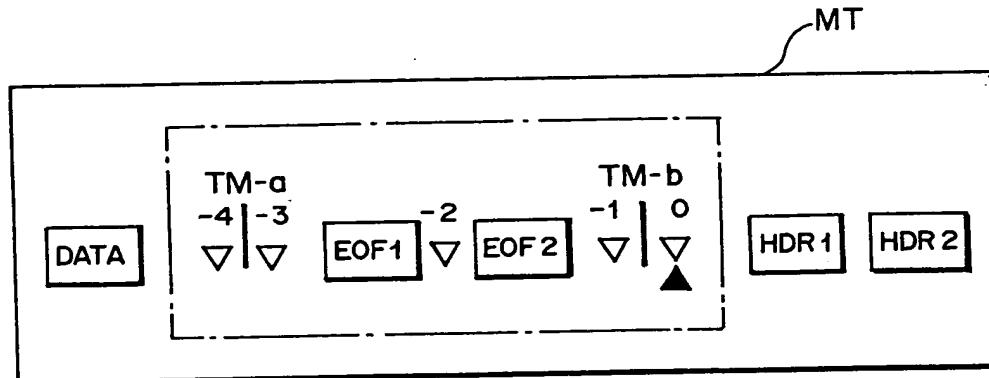


FIG. 19

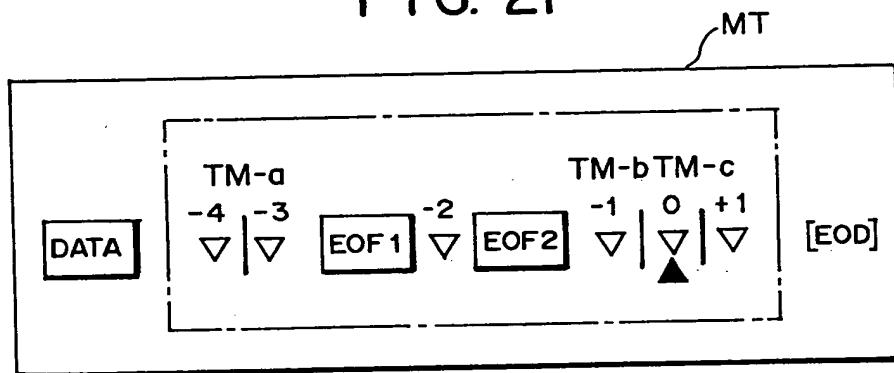
PROCESS A80					PROCESS B80							PROCESS ID	
CONDITIONS		RE-POSITION	OPERATION	UPDATE XBID	CONDITIONS		UPDATE ES	UPDATE EP	TW FLAG	SAVE AREA PROCESS	BLEN	BID	
ES	EP												
0	-4	--	REAL WTM	XBID+1	--	1	-3	1	--	0	XBID	8000	
1	-3	--	REAL WTM	XBID+1	--	1	-3	1	--	0	XBID	8100	
2	-2	--	REAL WTM	XBID+1	--	1	-3	1	--	0	XBID	8200	
3	-1	--	REAL WTM	XBID+1	--	4	0	1	--	0	XBID	8300	
	-4	XBID + EP	REAL WTM	XBID+1	--	1	-3	1	--	0	XBID	8400	
	-3	XBID + EP	REAL WTM	XBID+1	--	1	-3	1	--	0	XBID	8410	
4	-2	XBID + EP	REAL WTM	XBID+1	--	1	-3	1	--	0	XBID	8420	
	-1	--	EMULATE	--	--	4	0	1	--	0	XBID + EP	8430	
	0	--	REAL WTM	XBID+1	--	5	+1	1	--	0	XBID	8440	
5	+1	--	REAL WTM	XBID+1	--	1	-3	1	--	0	XBID	8500	
	-4	XBID + EP	REAL WTM	XBID+1	--	1	-3	1	--	0	XBID	8600	
	-3	XBID + EP	REAL WTM	XBID+1	--	1	-3	1	--	0	XBID	8610	
	-2	XBID + EP	REAL WTM	XBID+1	--	1	-3	1	--	0	XBID	8620	
6	-1	XBID + EP	REAL WTM	XBID+1	--	1	-3	1	--	0	XBID	8630	
	0	--	EMULATE	--	--	6	+1	1	--	0	XBID + EP	8640	
	+1	XBID + EP	REAL WTM	XBID+1	--	1	-3	1	--	0	XBID	8650	

FIG. 20



EMULATE IF RB, BPS OR BSPF IS EXECUTED WHEN ES=4 AND EP=0
 EMULATE IF RD, RB, BSP, BSPF, SP, FSPF OR WTM IS EXECUTED WHEN ES=4 AND EP=-1
 EMULATE IF RD, RB, BSP, BSPF, SP OR FSPF IS EXECUTED WHEN ES=4 AND EP=-2
 EMULATE IF RD, RB, BSP, BSPF, SP OR FSPF IS EXECUTED WHEN ES=4 AND EP=-3
 EMULATE IF RD, SP OR FSPF IS EXECUTED WHEN ES=4 AND EP=-4

FIG. 21



EMULATE IF RB, BPS OR BSPF IS EXECUTED WHEN ES=6 AND EP=+1
 EMULATE IF RD, RB, BSP, BSPF, SP, FSPF OR WTM IS EXECUTED WHEN ES=6 AND EP=0
 EMULATE IF RD, RB, BSP, BSPF, SP OR FSPF IS EXECUTED WHEN ES=6 AND EP=-1
 EMULATE IF RD, RB, BSP, BSPF, SP OR FSPF IS EXECUTED WHEN ES=6 AND EP=-2
 EMULATE IF RD, RB, BSP, BSPF, SP OR FSPF IS EXECUTED WHEN ES=6 AND EP=-3
 EMULATE IF RD, SP OR FSPF IS EXECUTED WHEN ES=6 AND EP=-4

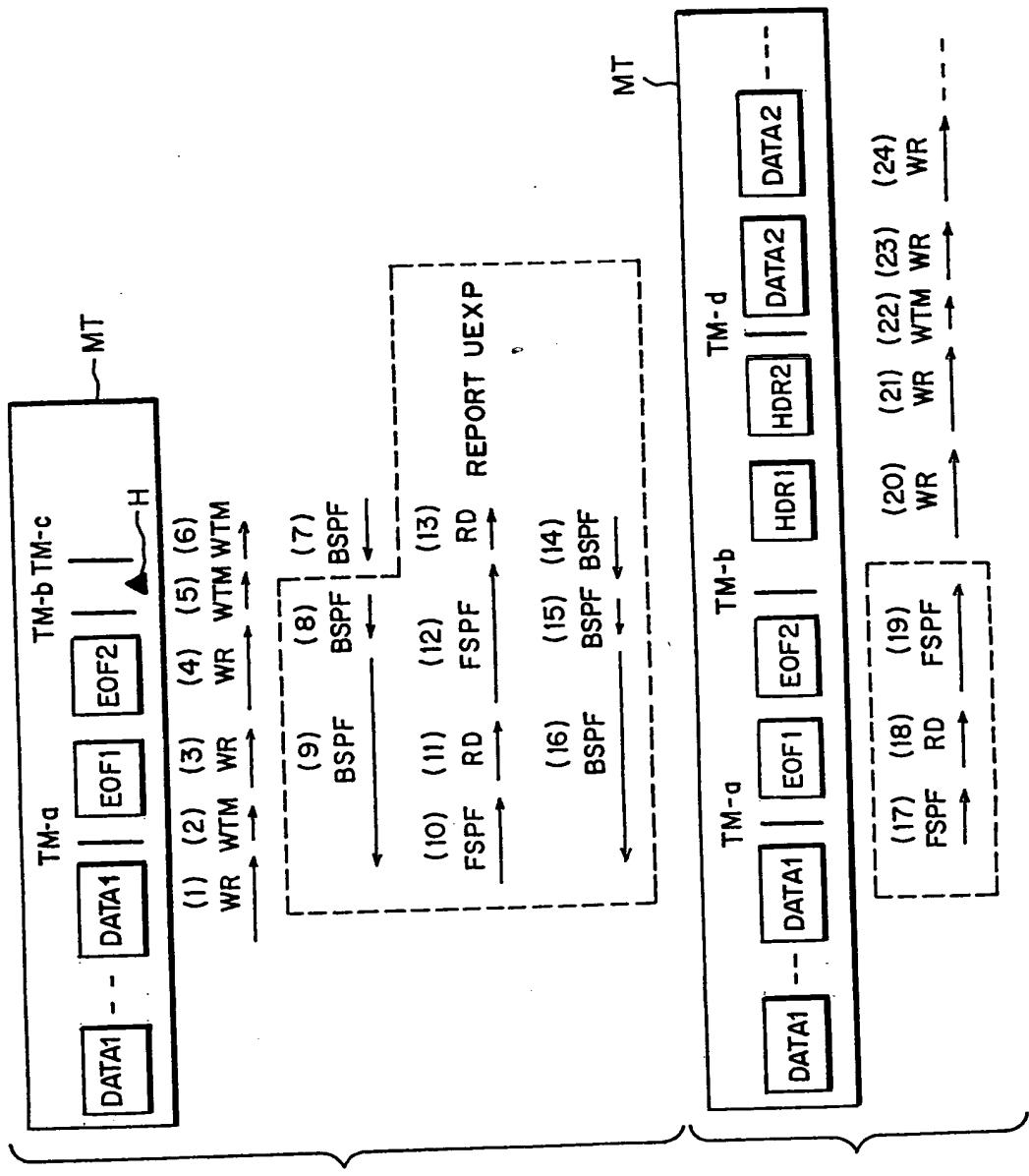


FIG. 22 (A)

FIG. 22 (B)

FIG. 23(A)

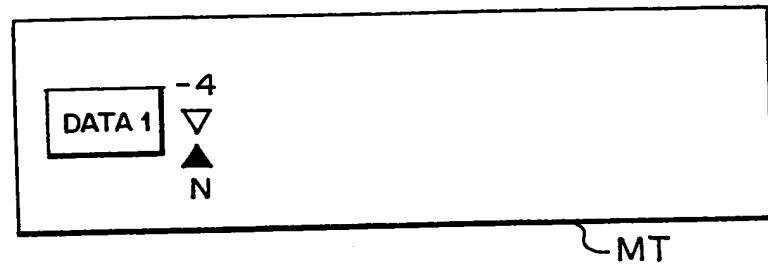


FIG. 23(B)

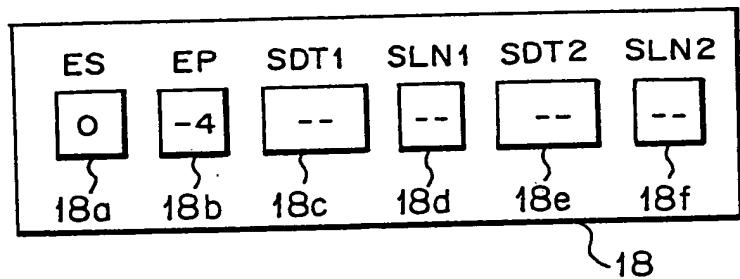


FIG. 24(A)

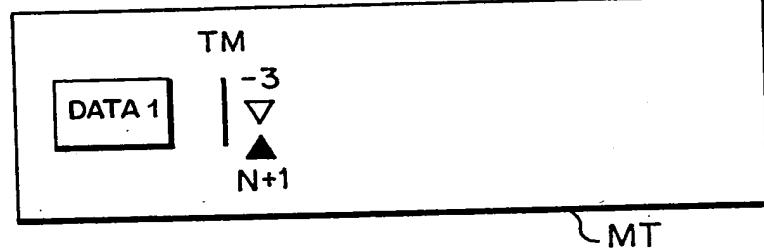


FIG. 24(B)

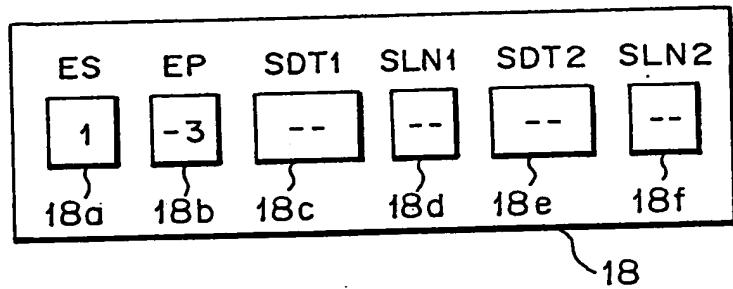


FIG. 25(A)

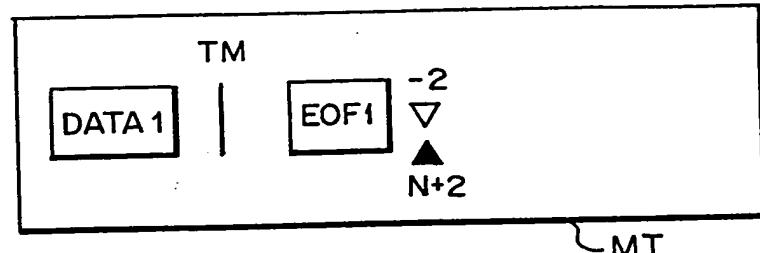


FIG. 25(B)

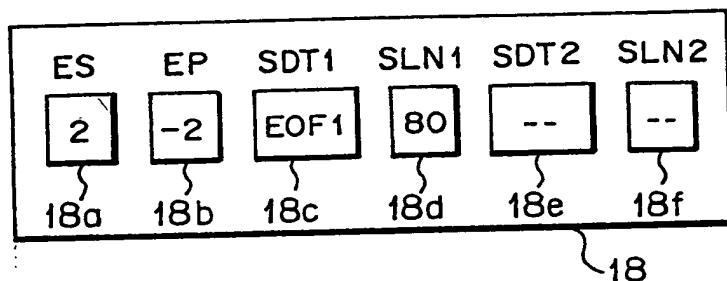


FIG. 26(A)

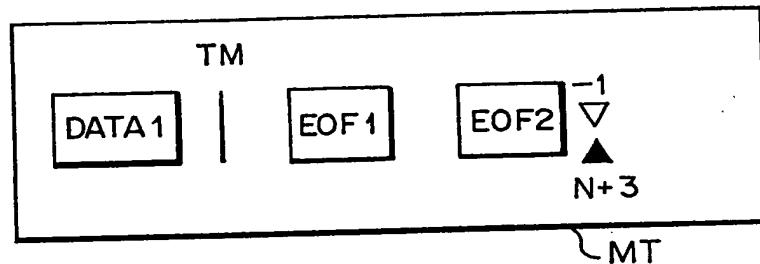


FIG. 26(B)

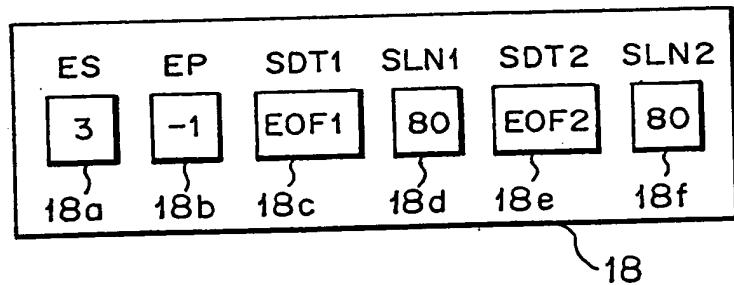


FIG. 27(A)

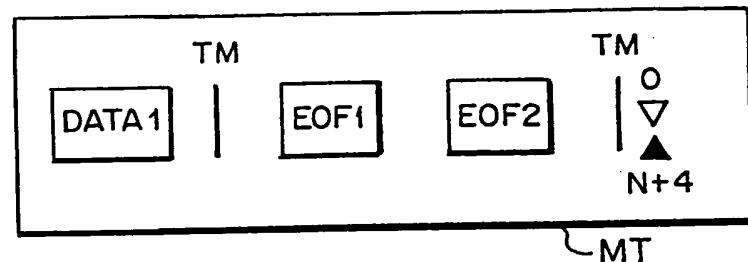


FIG. 27(B)

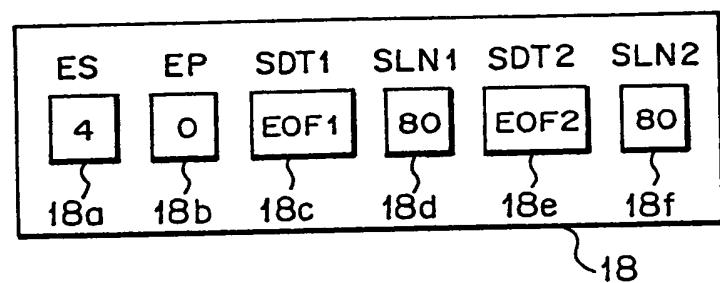


FIG. 28(A)

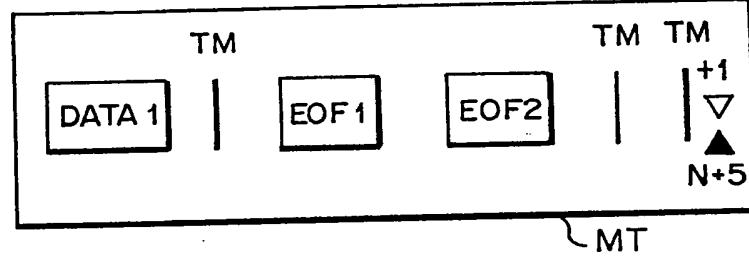


FIG. 28(B)

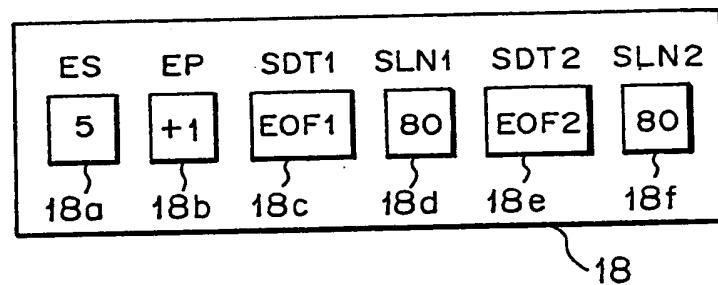


FIG. 29(A)

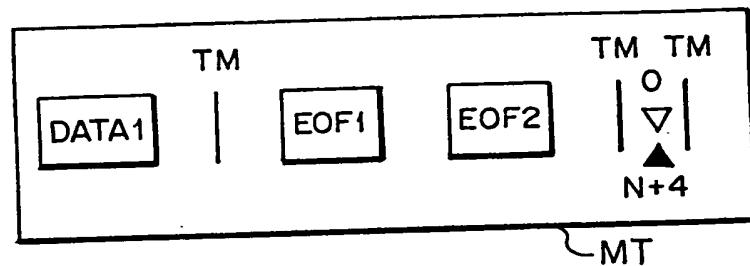


FIG. 29(B)

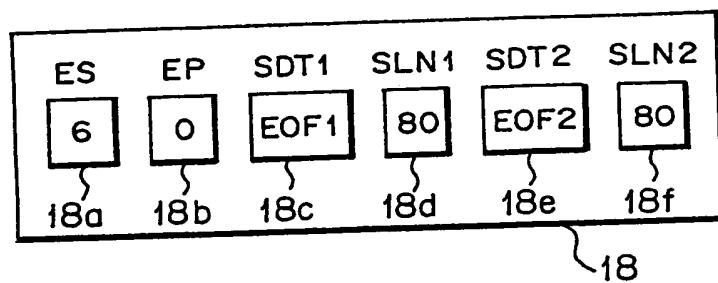


FIG. 30(A)

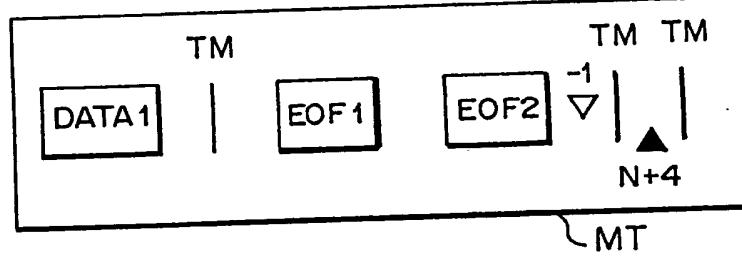


FIG. 30(B)

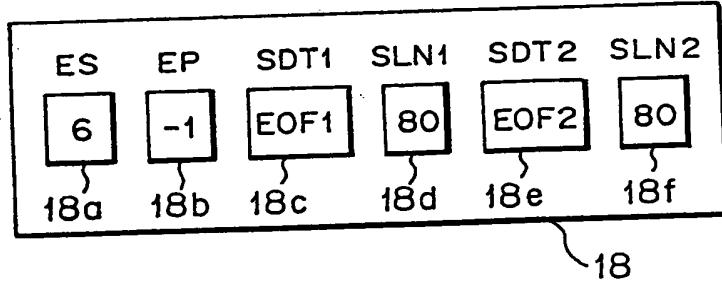


FIG. 31(A)

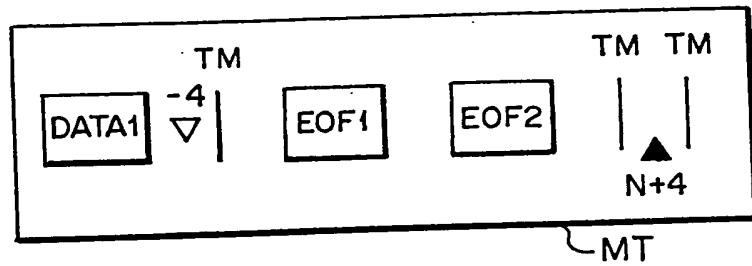


FIG. 31(B)

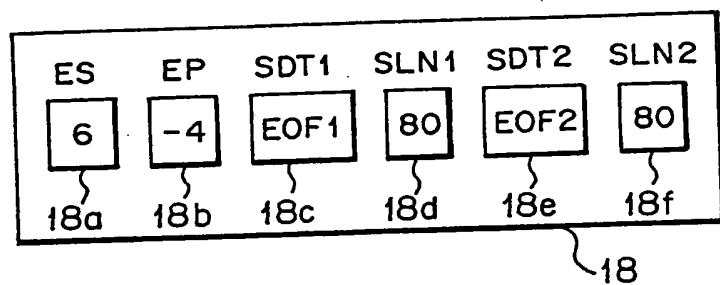


FIG. 32(A)

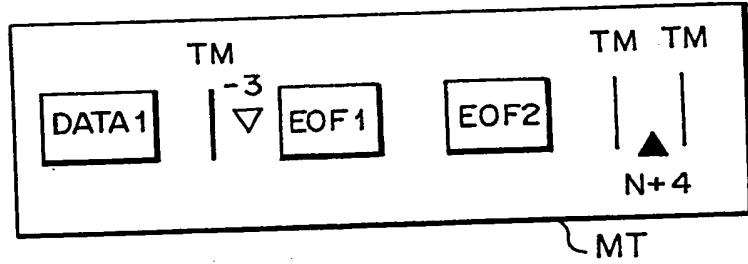


FIG. 32(B)

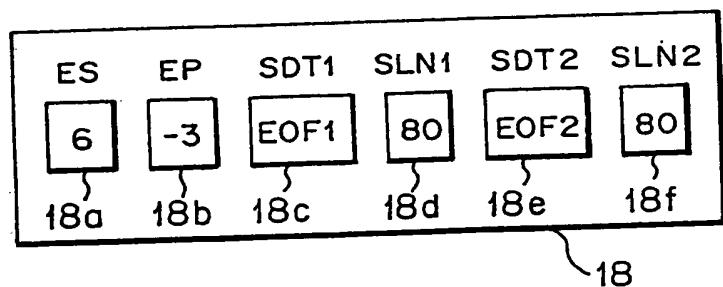


FIG.33(A)

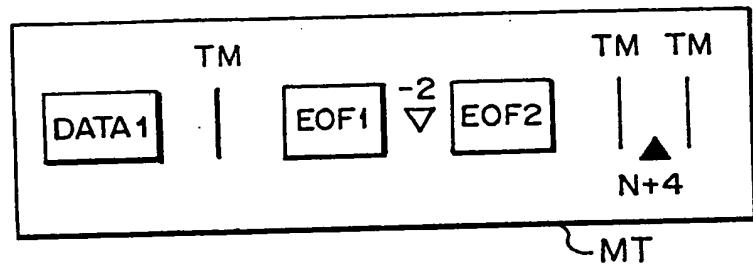


FIG.33(B)

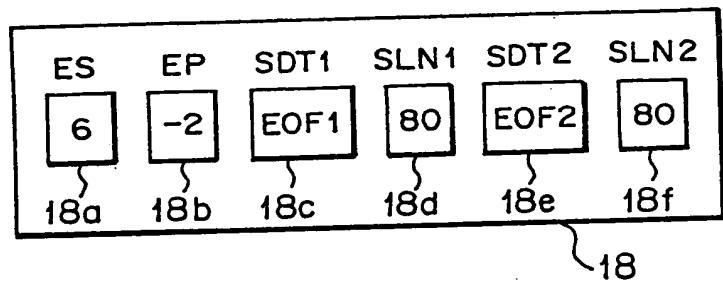


FIG.34(A)

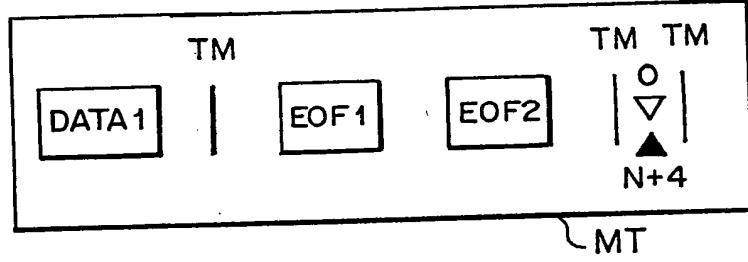


FIG.34(B)

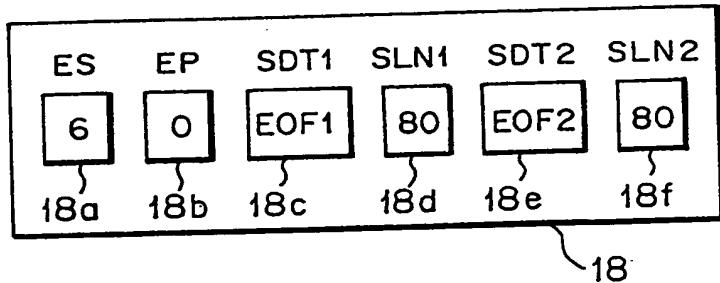


FIG. 35(A)

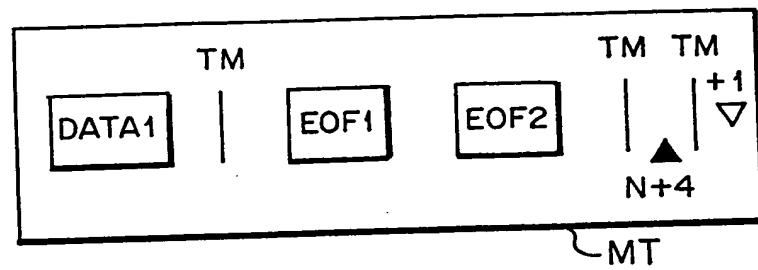


FIG. 35(B)

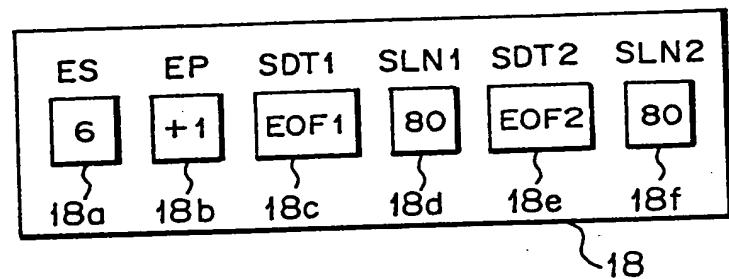


FIG. 36(A)

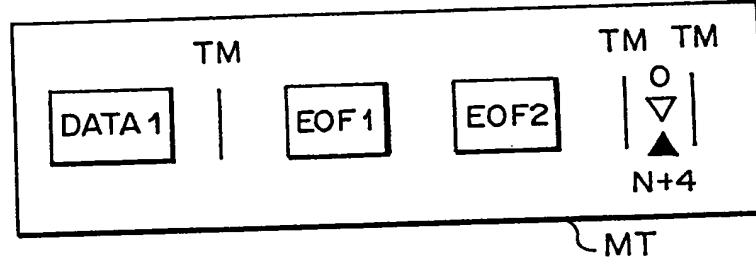


FIG. 36(B)

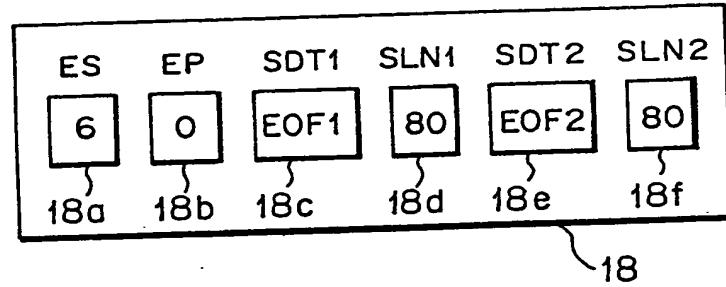


FIG. 37(A)

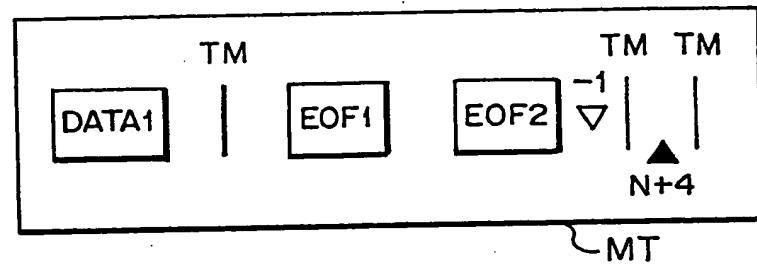


FIG. 37(B)

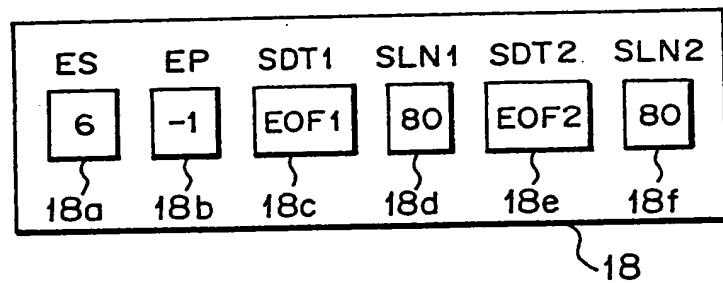


FIG. 38(A)

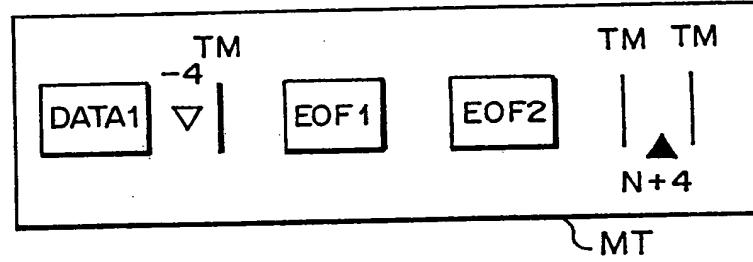


FIG. 38(B)

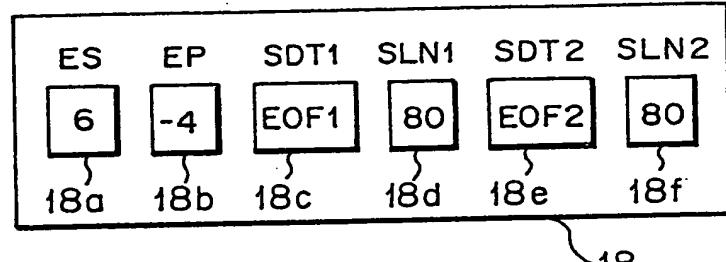


FIG. 39(A)

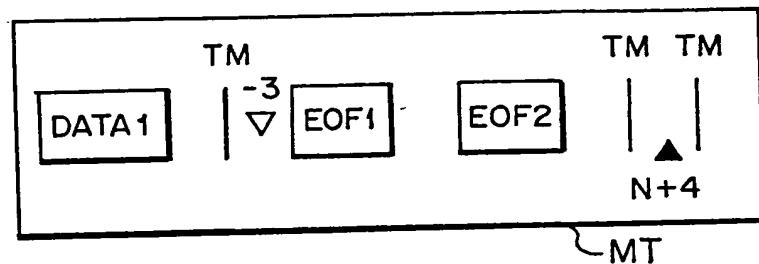


FIG. 39(B)

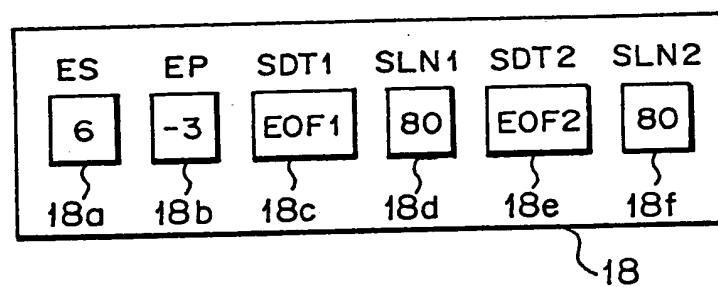


FIG. 40(A)

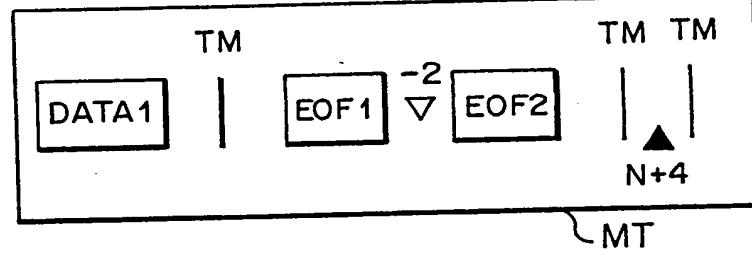


FIG. 40(B)

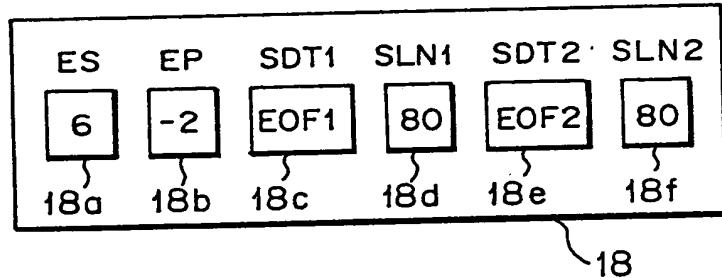


FIG. 41(A)

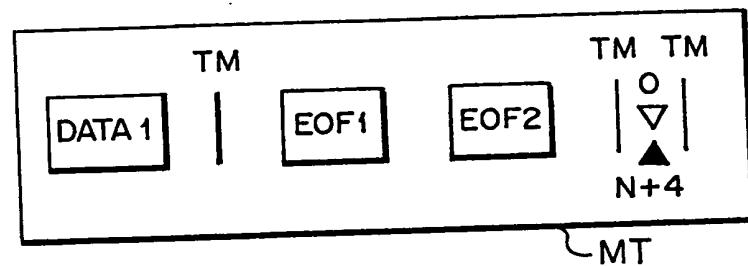


FIG. 41(B)

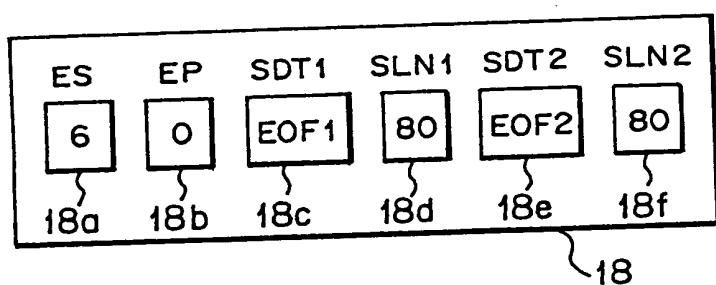


FIG. 42(A)

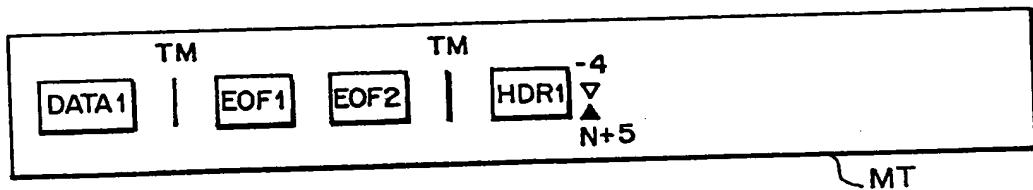


FIG. 42(B)

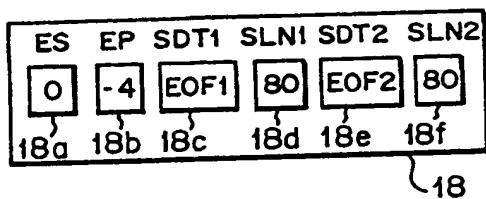


FIG. 43(A)

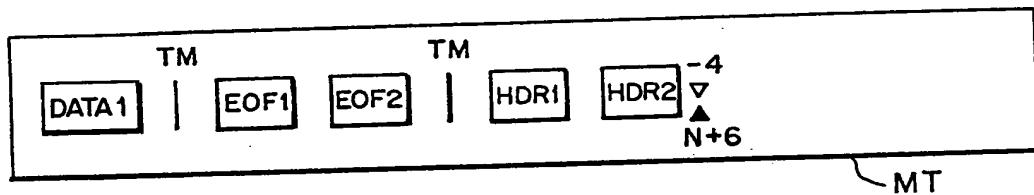


FIG. 43(B)

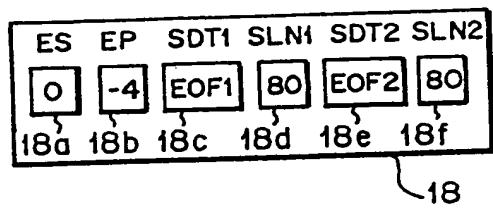


FIG. 44(A)

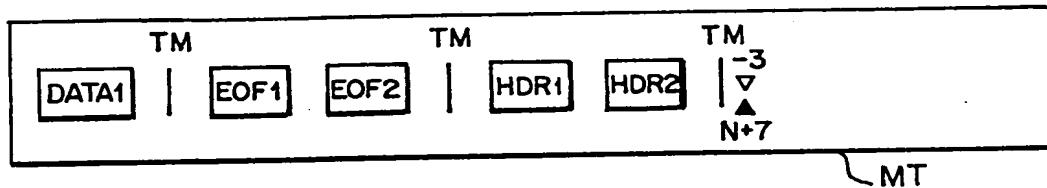


FIG. 44(B)

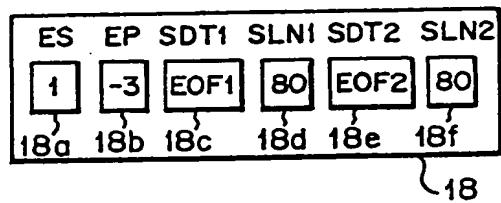


FIG. 45(A)

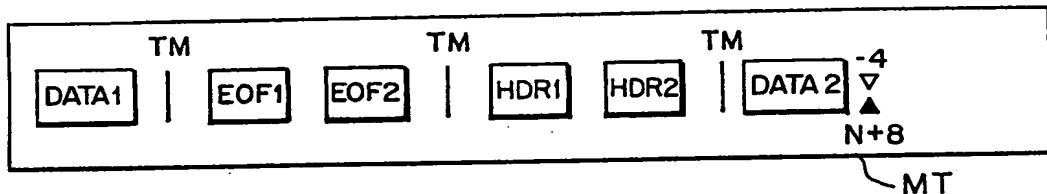


FIG. 45(B)

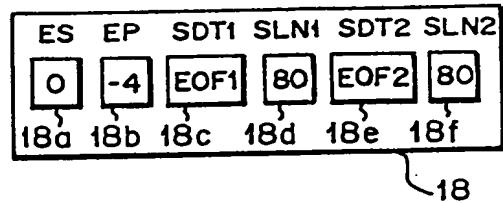


FIG. 46(A)

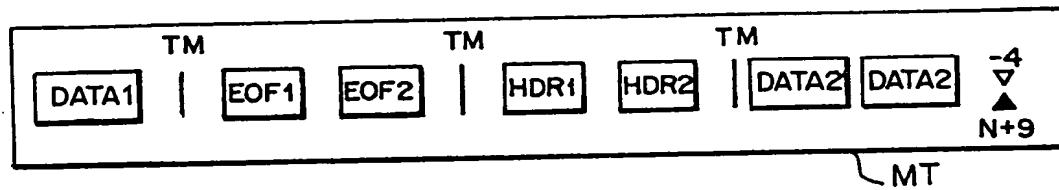


FIG. 46(B)

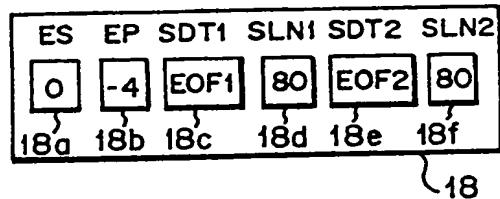


FIG. 47

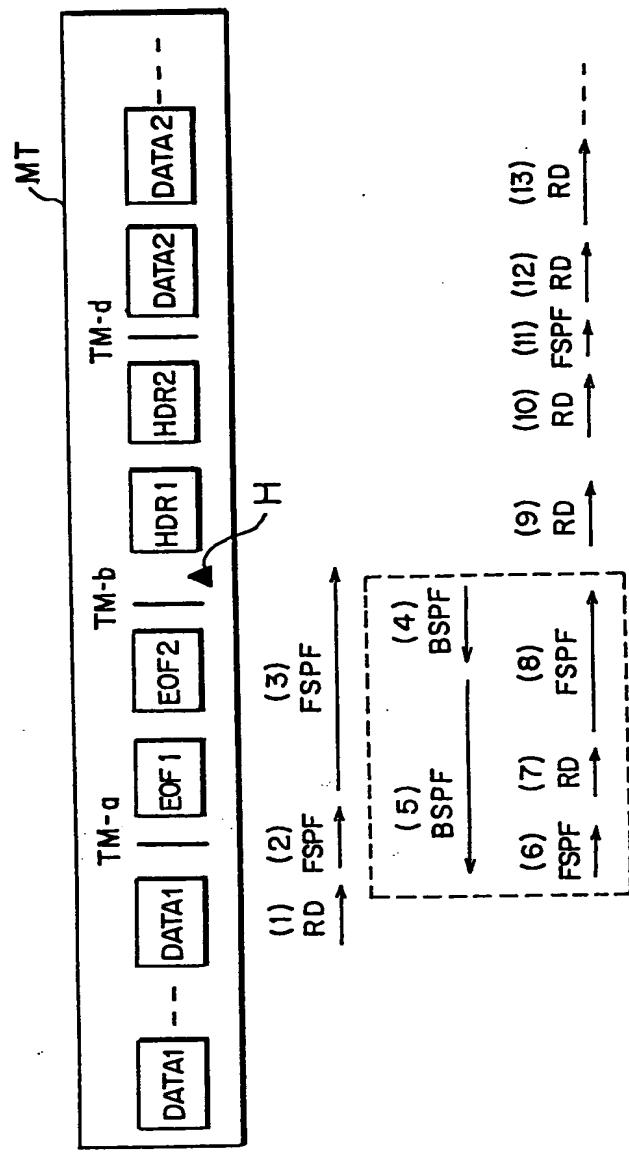


FIG. 48(A)

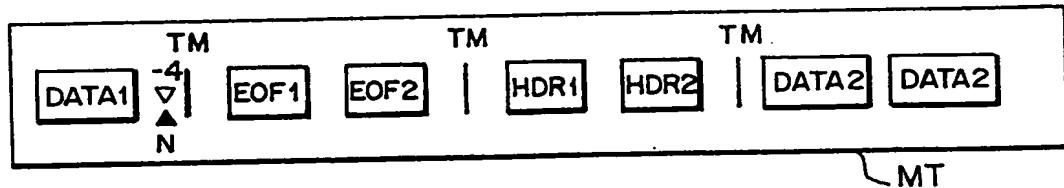


FIG. 48(B)

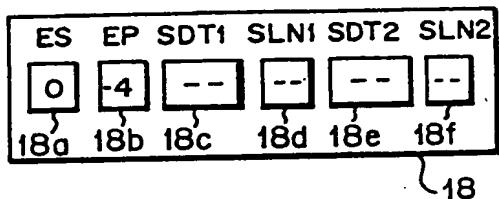


FIG. 49(A)

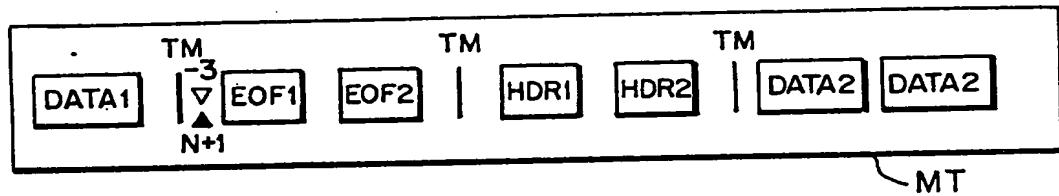


FIG. 49(B)

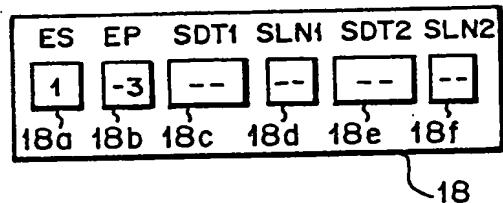


FIG. 50(A)

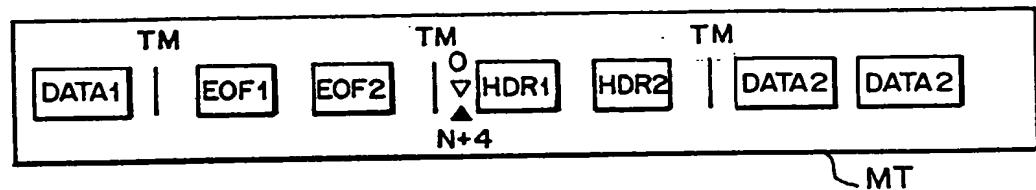


FIG. 50(B)

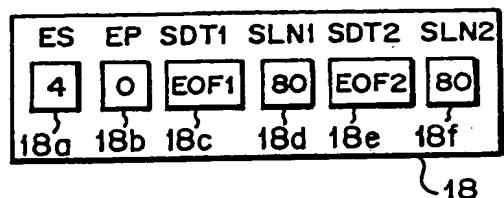


FIG. 51(A)

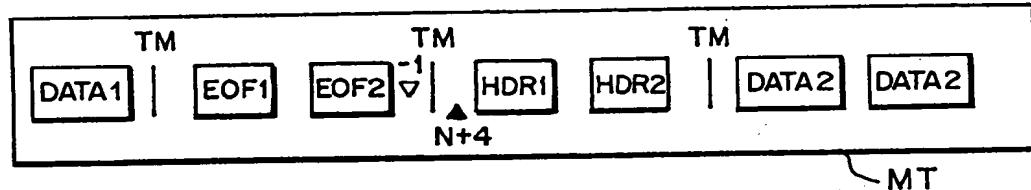


FIG. 51(B)

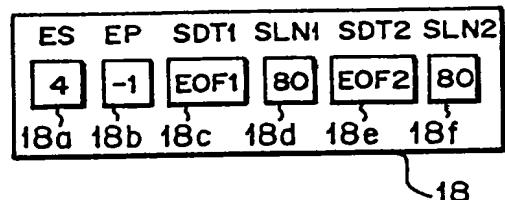


FIG. 52(A)

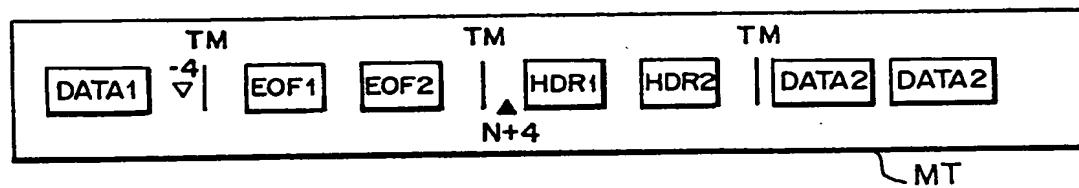


FIG. 52(B)

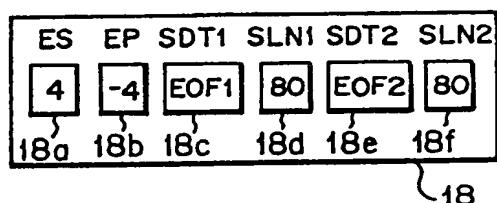


FIG. 53(A)

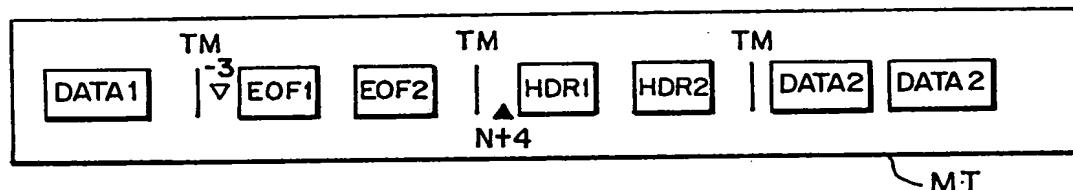


FIG. 53(B)

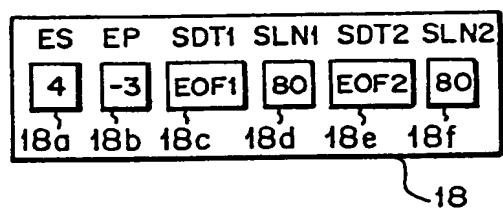


FIG. 54(A)

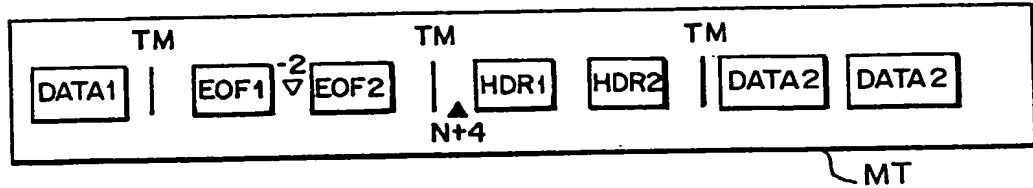


FIG. 54(B)

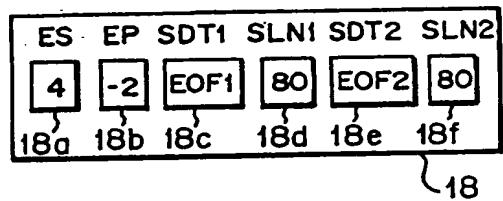


FIG. 55(A)

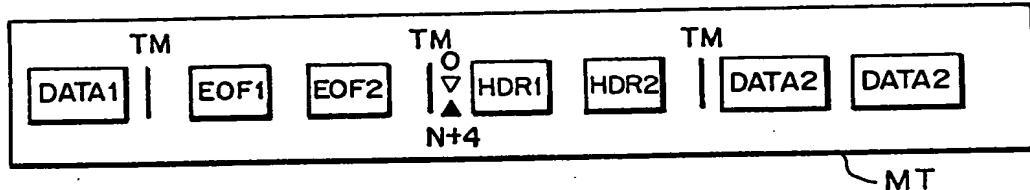


FIG. 55(B)

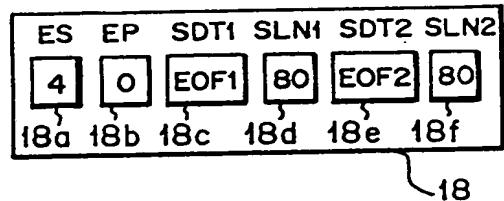


FIG. 56(A)

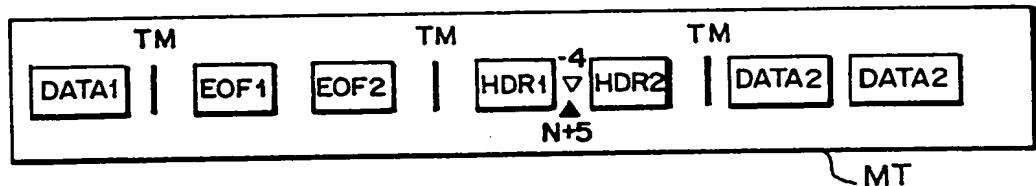


FIG. 56(B)

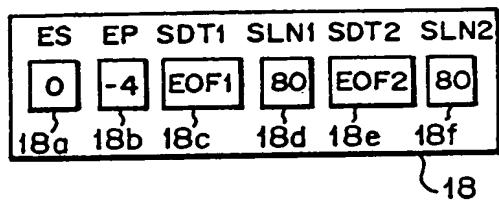


FIG. 57(A)

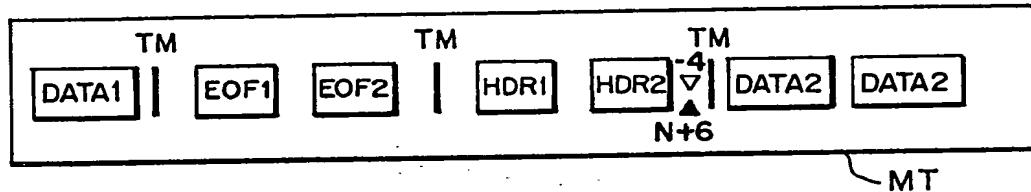


FIG. 57(B)

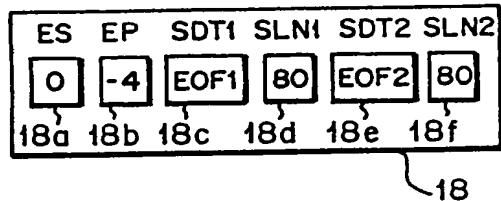


FIG. 58(A)

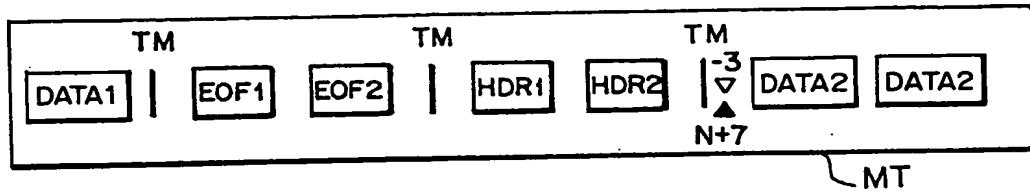


FIG. 58(B)

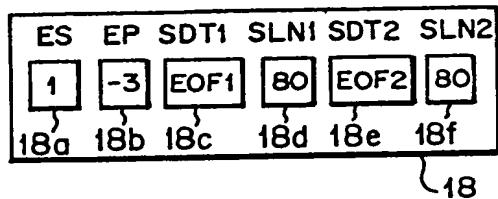


FIG. 59(A)

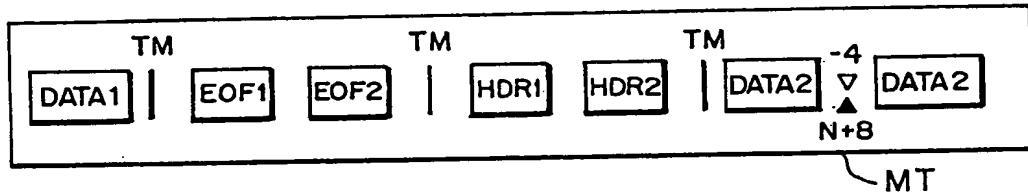


FIG. 59(B)

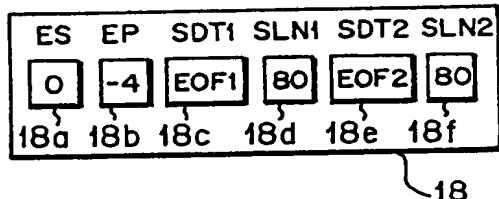


FIG. 60(A)

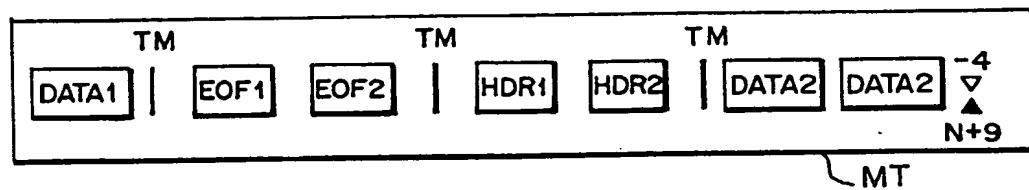
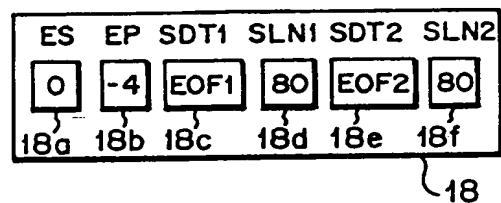


FIG. 60(B)



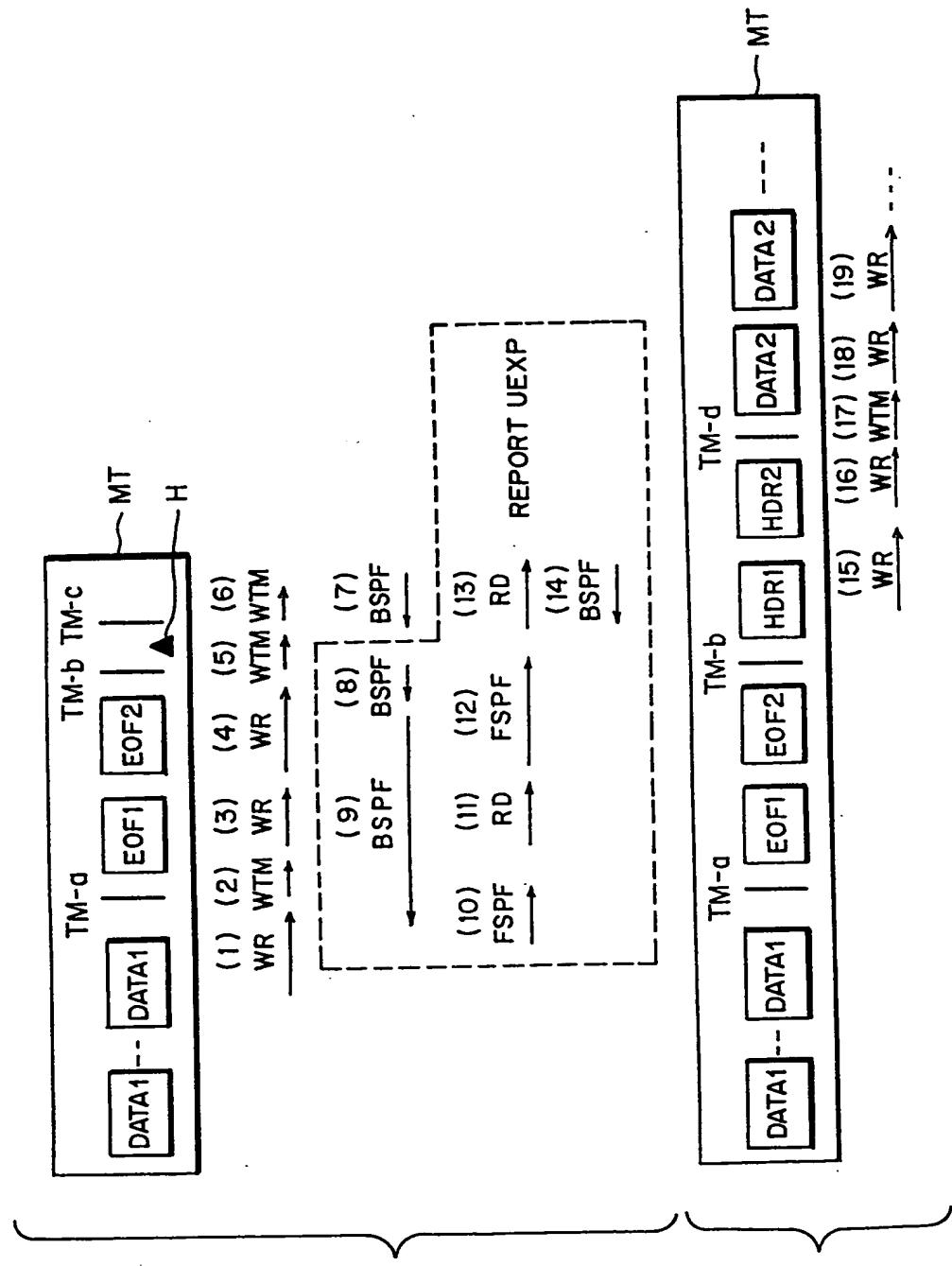


FIG. 61(A)

FIG. 61(B)

FIG. 62

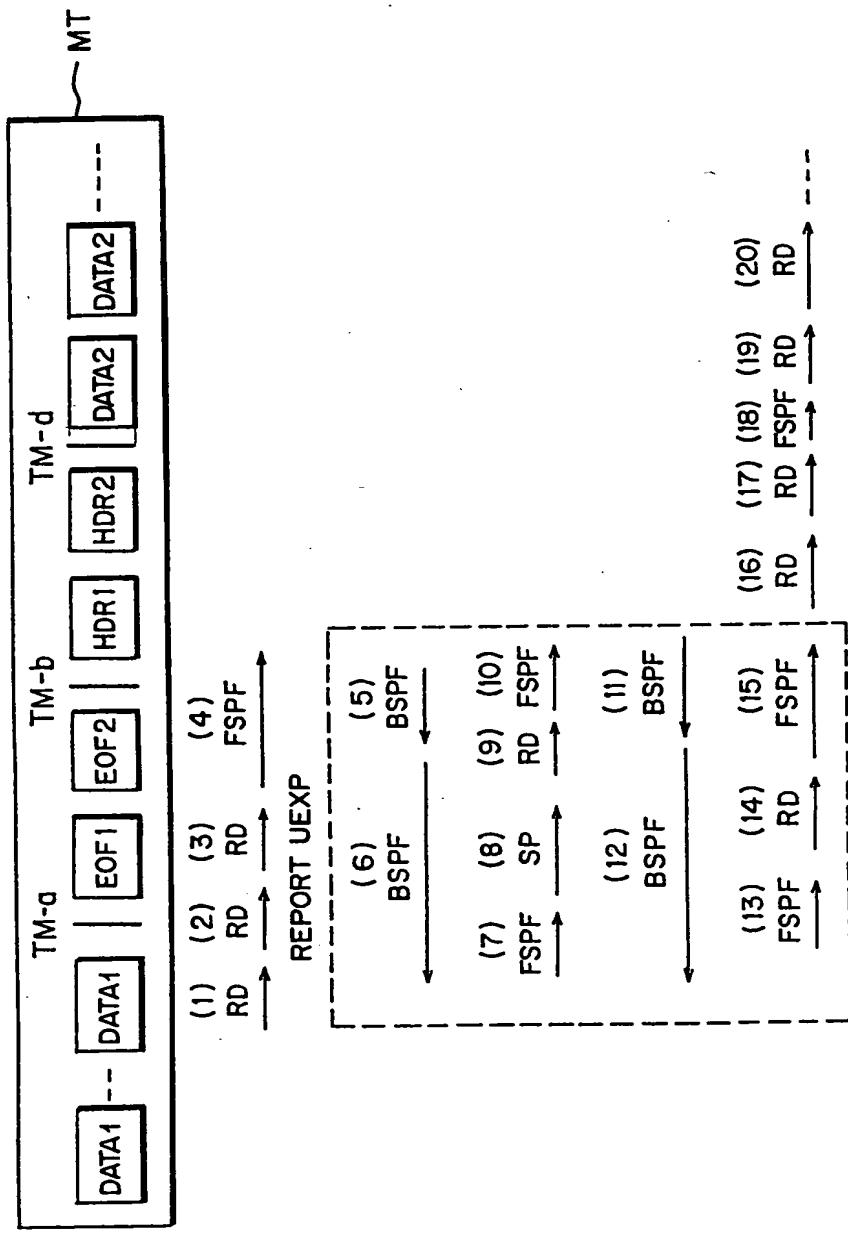


FIG.63

COMMAND	WITHOUT EMULATION	WITH EMULATION	REMARKS
WR	0. 000731	0. 000731	(1)
WTM	0. 713581	0. 713581	(2)
WR	0. 003502	0. 003502	(3)
WR	0. 000641	0. 000641	(4)
WTM	0. 596851	0. 596851	(5)
WTM	0. 298012	0. 298012	(6)
BSPF	0. 000548	0. 000548	(7)
NOP	0. 460880	0. 460880	
LDSP	0. 000521	0. 000521	
LDSP	0. 000469	0. 000469	
LDSP	0. 000493	0. 000493	
NOP	0. 000524	0. 000524	
SN10	0. 002945	0. 002945	
RDVC	0. 000580	0. 000580	
NOP	0. 000529	0. 000529	
SNS	0. 002731	0. 002731	
LDSP	0. 000420	0. 000420	
BSPF	0. 000583	0. 000500	(8)
BSPF	0. 291417	0. 000500	(9)
FSPF	0. 291342	0. 000500	(10)
RD	0. 531535	0. 000500	(11)
FSPF	1. 410659	0. 000500	(12)
RD	0. 581191	0. 000500	(13)
BSPF	0. 000606	0. 000500	(14)
BSPF	0. 455999	0. 000500	(15)
BSPF	0. 293099	0. 000500	(16)
FSPF	0. 290969	0. 000500	(17)
RD	0. 531411	0. 000500	(18)
FSPF	1. 414089	0. 000500	(19)
NOP	0. 290595	0. 000500	
WR	0. 000615	0. 000615	(20)
WR	0. 000615	0. 000615	(21)
WTM	0. 639278	0. 639278	(22)
WR	0. 003324	0. 003324	(23)
WR	0. 000641	0. 000641	(24)
TOTAL	9. 111926	2. 734931	SECOND

FIG.64

COMMAND	WITHOUT EMULATION	WITH EMULATION	REMARKS
RD	0. 001561	0. 001561	(1)
FSPF	0. 453726	0. 453726	(2)
FSPF	0. 453545	0. 453545	(3)
NOP	0. 293952	0. 293952	
LDSP	0. 000525	0. 000525	
LDSP	0. 000456	0. 000456	
LDSP	0. 000492	0. 000492	
NOP	0. 000498	0. 000498	
SN10	0. 002933	0. 002933	
RDVC	0. 000591	0. 000591	
NOP	0. 000495	0. 000495	
SNS	0. 002706	0. 002706	
LDSP	0. 000425	0. 000425	
BSPF	0. 000581	0. 000500	(4)
BSPF	0. 457145	0. 000500	(5)
FSPF	0. 290540	0. 000500	(6)
RD	0. 531764	0. 000500	(7)
FSPF	1. 409729	0. 000500	(8)
RD	0. 369065	0. 369065	(9)
RD	0. 003179	0. 003179	(10)
FSPF	0. 657888	0. 657888	(11)
NOP	0. 454188	0. 454188	
RD	0. 127053	0. 127053	(12)
RD	0. 001793	0. 001793	(13)
TOTAL	5. 514830	2. 827571	SECOND

FIG.65

COMMAND	WITHOUT EMULATION	WITH EMULATION	REMARKS
WR	0. 000700	0. 000700	(1)
WTM	0. 713500	0. 713500	(2)
WR	0. 003500	0. 003500	(3)
WR	0. 000600	0. 000600	(4)
WTM	0. 596800	0. 596800	(5)
WTM	0. 298000	0. 298000	(6)
BSPF	0. 000500	0. 000500	(7)
NOP	0. 460800	0. 460800	
LDSP	0. 000500	0. 000500	
LDSP	0. 000500	0. 000500	
NOP	0. 000500	0. 000500	
NOP	0. 000500	0. 000500	
SNS	0. 002900	0. 002900	
LDSP	0. 000500	0. 000500	
BSPF	0. 000500	0. 000500	(8)
BSPF	0. 291400	0. 000500	(9)
FSPF	0. 291300	0. 000500	(10)
RD	0. 531500	0. 000500	(11)
FSPF	1. 410600	0. 000500	(12)
RD	0. 581100	0. 000500	(13)
BSPF	0. 000600	0. 000500	(14)
LDSP	0. 000500	0. 000500	
WR	0. 000600	0. 000600	(15)
WR	0. 000600	0. 000600	(16)
WTM	0. 639200	0. 639200	(17)
WR	0. 003300	0. 003300	(18)
WR	0. 000600	0. 000600	(19)
TOTAL	5. 831600	2. 728100	SECOND

FIG.66

COMMAND	WITHOUT EMULATION	WITH EMULATION	REMARKS
RD	0. 001500	0. 001500	(1)
RD	0. 581100	0. 581100	(2)
RD	0. 531700	0. 531700	(3)
FSPF	1. 409700	1. 409700	(4)
BSPF	0. 000500	0. 000500	(5)
BSPF	0. 457100	0. 000500	(6)
FSPF	0. 290900	0. 000500	(7)
SP	0. 531400	0. 000500	(8)
RD	0. 531400	0. 000500	(9)
FSPF	0. 141400	0. 000500	(10)
LDSP	0. 000500	0. 000500	
LDSP	0. 000500	0. 000500	
NOP	0. 000500	0. 000500	
LDSP	0. 000500	0. 000500	
BSPF	0. 000500	0. 000500	(11)
BSPF	0. 457100	0. 000500	(12)
FSPF	0. 290500	0. 000500	(13)
RD	0. 531700	0. 000500	(14)
FSPF	1. 409700	0. 000500	(15)
RD	0. 369000	0. 369000	(16)
RD	0. 003100	0. 003100	(17)
LDSP	0. 000500	0. 000500	
FSPF	0. 657800	0. 657800	(18)
NOP	0. 454100	0. 454100	
LDSP	0. 000500	0. 000500	
RD	0. 127000	0. 127000	(19)
RD	0. 001700	0. 001700	(20)
TOTAL	8. 781900	4. 145200	SECOND

FIG. 67

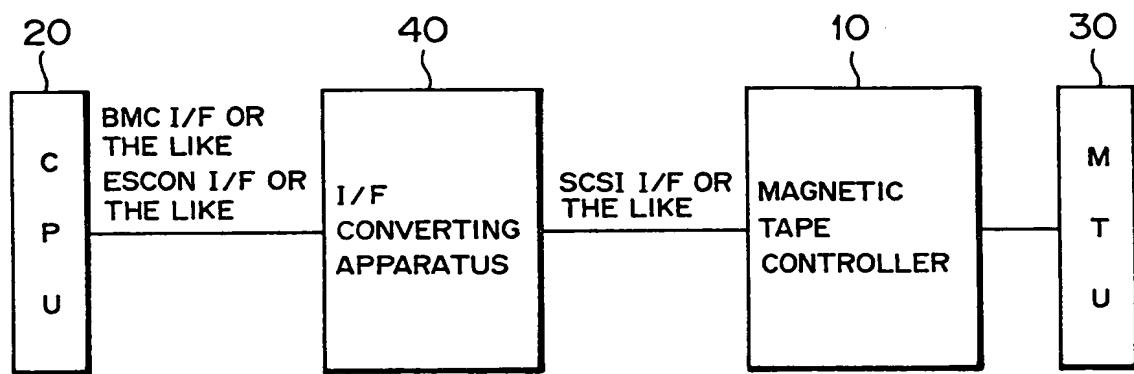


FIG. 68

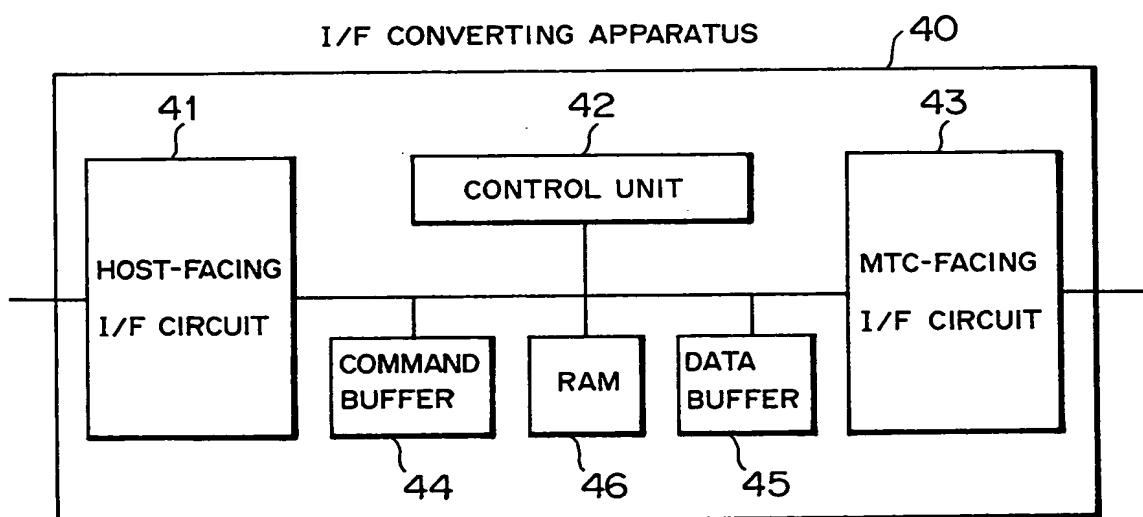


FIG. 69(A)

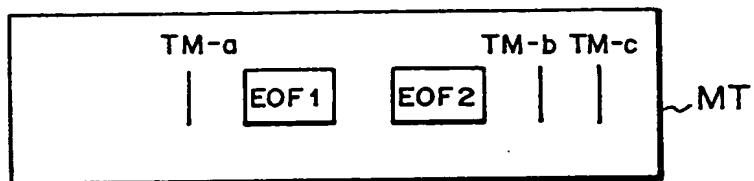


FIG. 69(B)

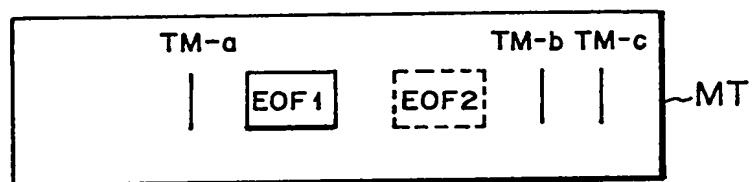


FIG. 69(C)

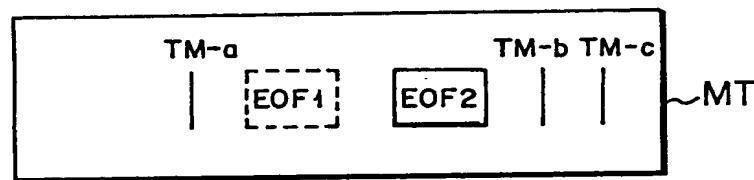


FIG. 69(D)

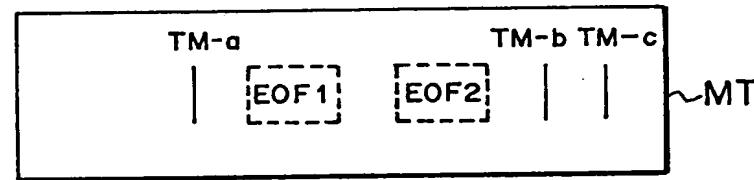


FIG. 7O(A)



FIG. 7O(B)

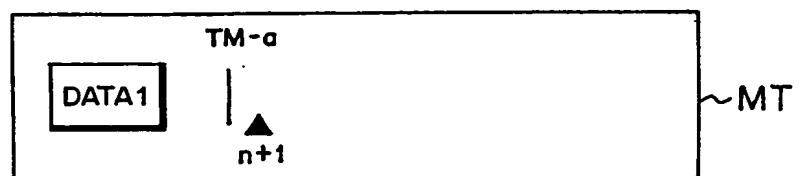


FIG. 7O(C)

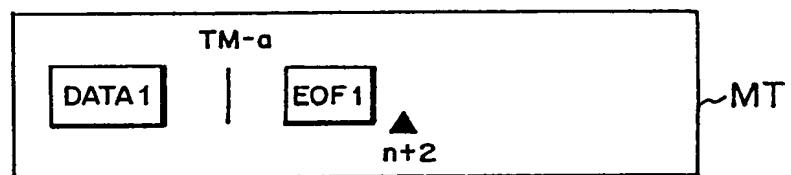


FIG. 7O(D)

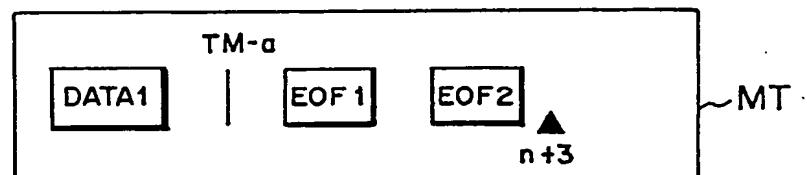


FIG. 7O(E)

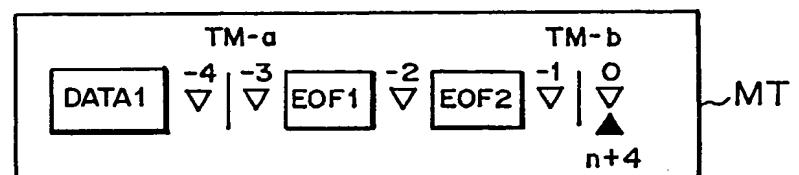


FIG. 7O(F)

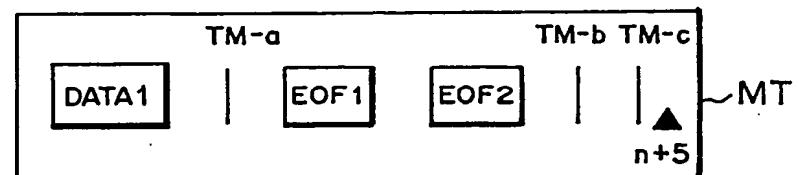


FIG. 7O(G)

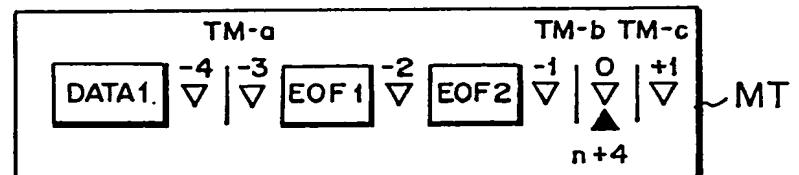


FIG. 71(A)

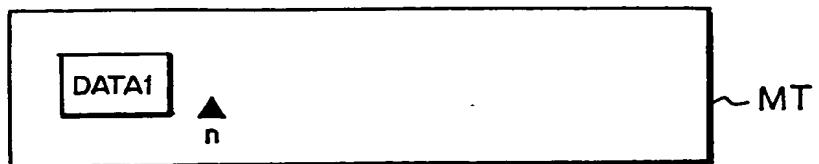


FIG. 71(B)



FIG. 71(C)

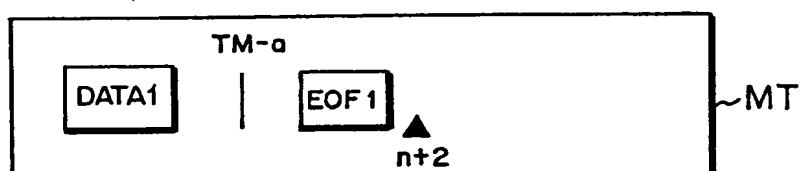


FIG. 71(D)

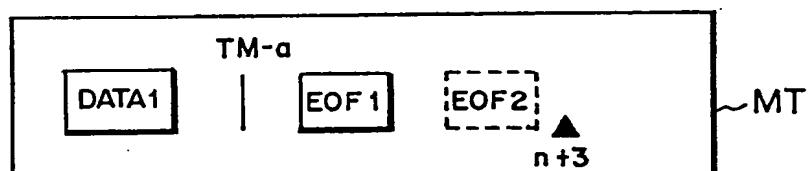


FIG. 71(E)

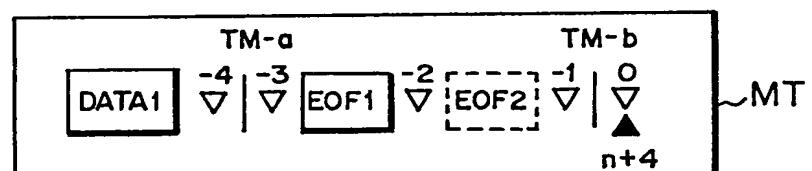


FIG. 71(F)

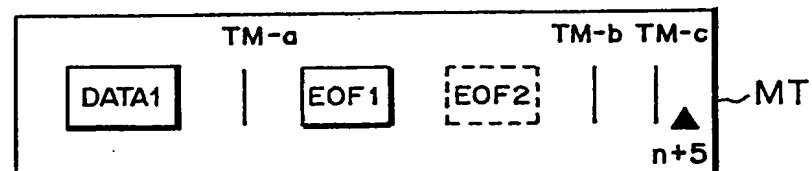


FIG. 71(G)

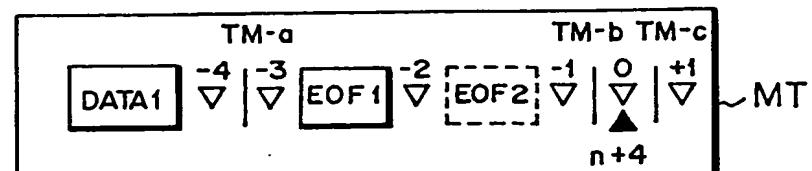


FIG. 72(A)



FIG. 72(B)

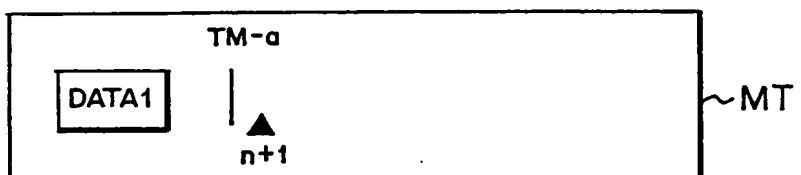


FIG. 72(C)

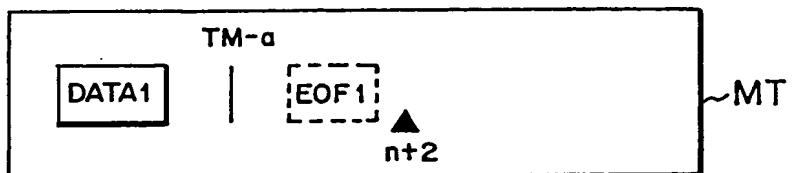


FIG. 72(D)

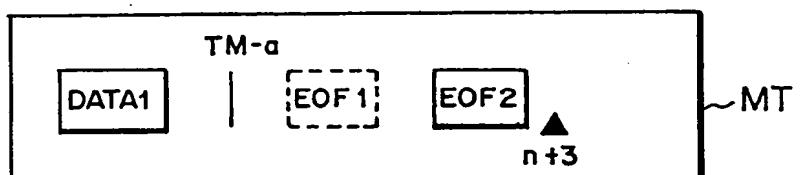


FIG. 72(E)

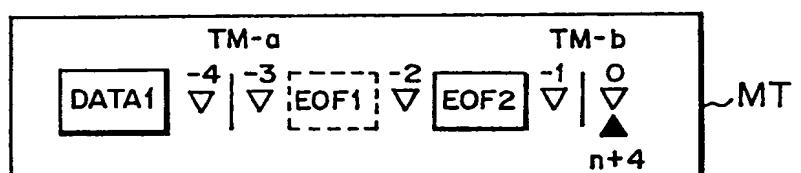


FIG. 72(F)

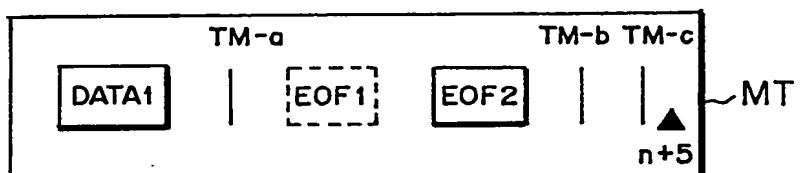


FIG. 72(G)

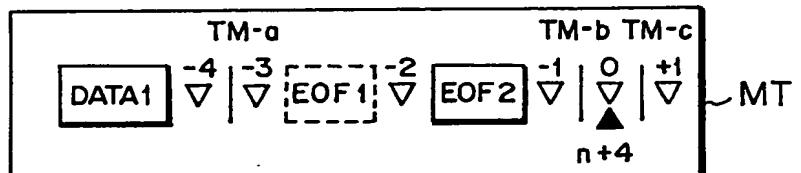


FIG. 73(A)

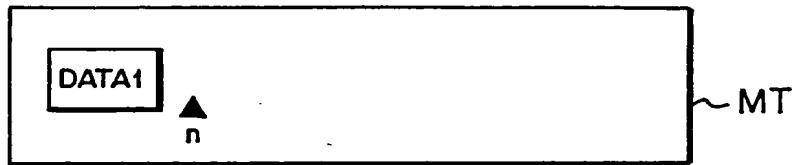


FIG. 73(B)



FIG. 73(C)

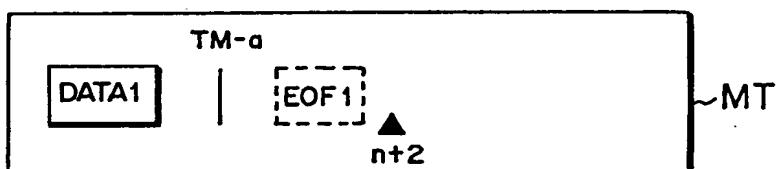


FIG. 73(D)

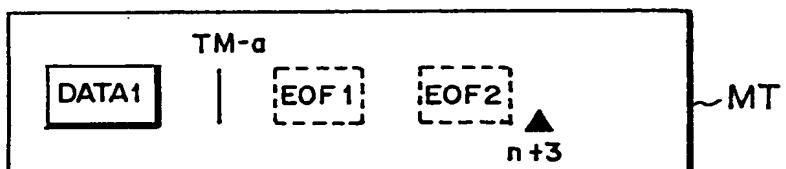


FIG. 73(E)

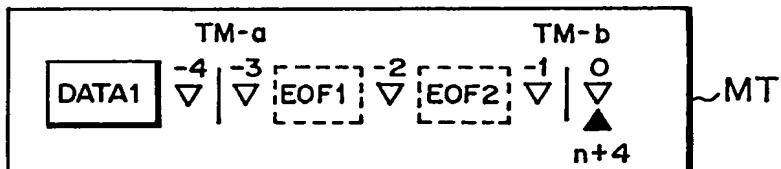


FIG. 73(F)

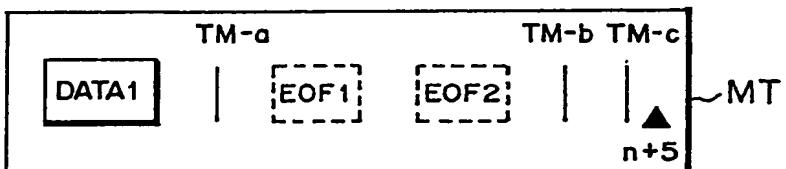


FIG. 73(G)

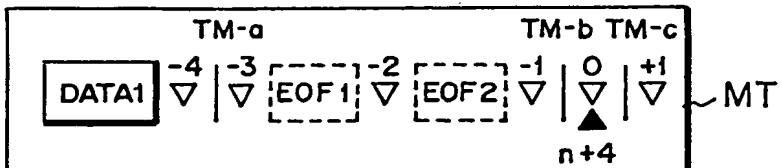


FIG. 74(A)

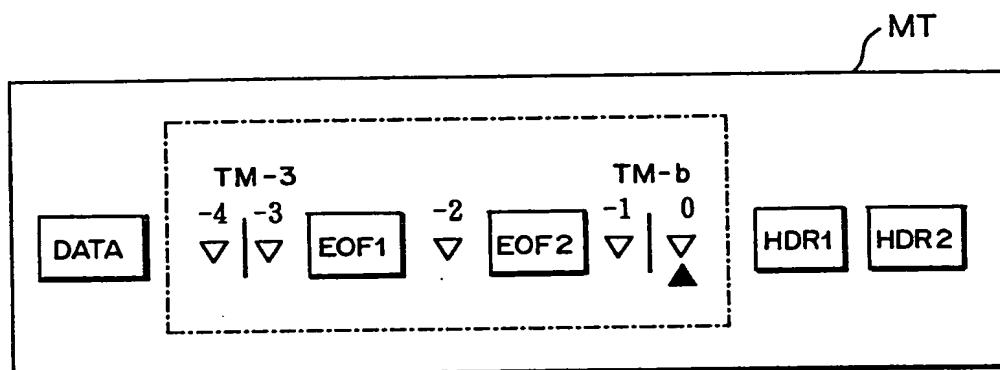


FIG. 74(B)

	RD	RB	BSP	BSPF	SP	FSPF	WTM
0	×	○	○	○	×	×	×
-1	○	○	○	○	○	○	○
-2	◎	○	○	○	○	○	×
-3	◎	○	○	○	○	○	×
-4	○	×	×	×	○	○	×

◎ : EMULATION POSSIBLE (INVOLVING DATA TRANSFER)

○ : EMULATION POSSIBLE

× : EMULATION IMPOSSIBLE (REAL OPERATION NECESSARY)

FIG. 75(A)

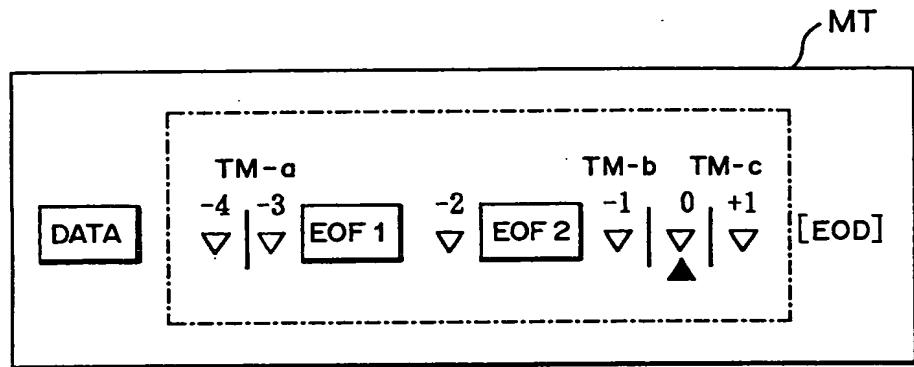


FIG. 75(B)

	RD	RB	BSP	BSPF	SP	FSPF	WTM
+1	×	○	○	○	×	×	×
0	○	○	○	○	○	○	○
-1	○	○	○	○	○	○	×
-2	◎	○	○	○	○	○	×
-3	◎	○	○	○	○	○	×
-4	○	×	×	×	○	○	×

◎ : EMULATION POSSIBLE (INVOLVING DATA TRANSFER)

○ : EMULATION POSSIBLE

× : EMULATION IMPOSSIBLE (REAL OPERATION NECESSARY)

FIG. 76(A)

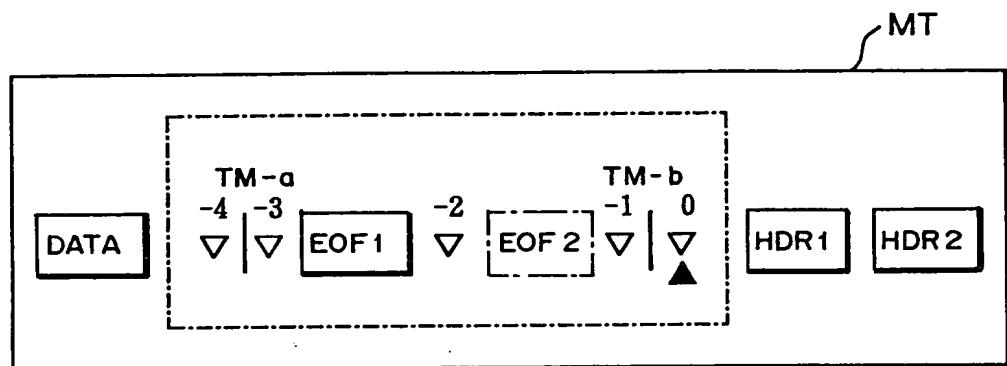


FIG. 76(B)

	RD	RB	BSP	BSPF	SP	FSPF	WTM
0	×	○	○	○	×	×	×
-1	○	○	○	○	○	○	○
-2	×	○	○	○	○	○	×
-3	◎	○	○	○	○	○	×
-4	○	×	×	×	○	○	×

◎ : EMULATION POSSIBLE (INVOLVING DATA TRANSFER)

○ : EMULATION POSSIBLE

× : EMULATION IMPOSSIBLE (REAL OPERATION NECESSARY)

FIG. 77(A)

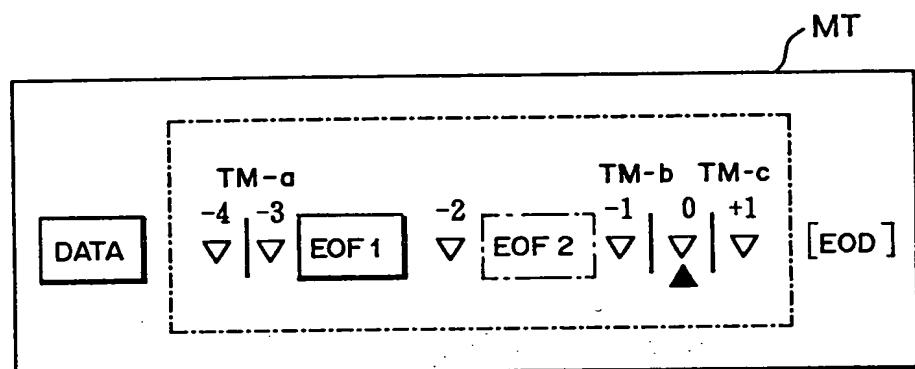


FIG. 77(B)

	RD	RB	BSP	BSPPF	SP	FSPF	WTM
+1	×	○	○	○	×	×	×
0	○	○	○	○	○	○	○
-1	○	○	○	○	○	○	×
-2	×	○	○	○	○	○	×
-3	◎	○	○	○	○	○	×
-4	○	×	×	×	○	○	×

◎ : EMULATION POSSIBLE (INVOLVING DATA TRANSFER)

○ : EMULATION POSSIBLE

× : EMULATION IMPOSSIBLE (REAL OPERATION NECESSARY)

FIG. 78(A)

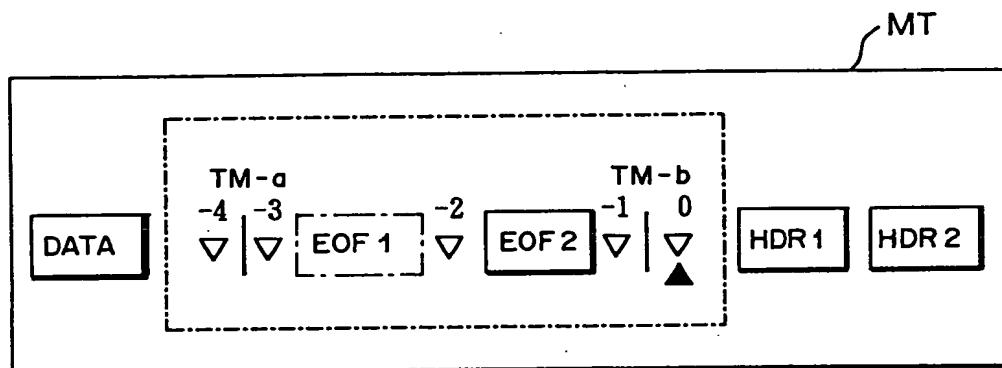


FIG. 78(B)

	RD	RB	BSP	BSPF	SP	FSPF	WTM
0	x	o	o	o	x	x	x
-1	o	o	o	o	o	o	o
-2	o	o	o	o	o	o	x
-3	x	o	o	o	o	o	x
-4	o	x	x	x	o	o	x

◎ : EMULATION POSSIBLE (INVOLVING DATA TRANSFER)

○ : EMULATION POSSIBLE

x : EMULATION IMPOSSIBLE (REAL OPERATION NECESSARY)

FIG. 79(A)

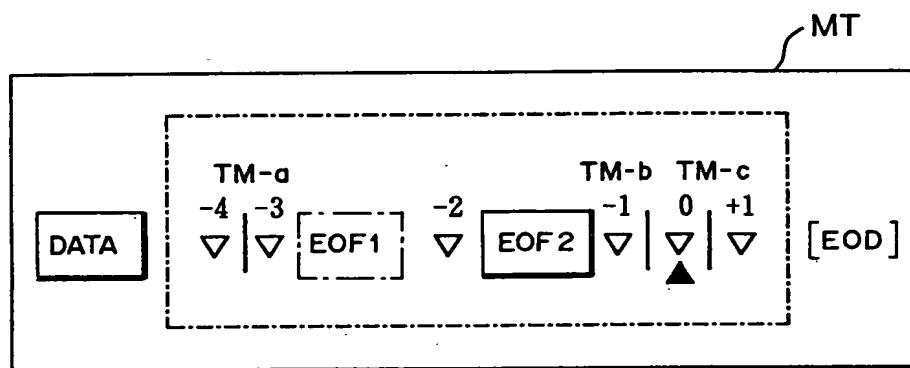


FIG. 79(B)

	RD	RB	BSP	BSPF	SP	FSPF	WTM
+1	×	○	○	○	×	×	×
0	○	○	○	○	○	○	○
-1	○	○	○	○	○	○	×
-2	◎	○	○	○	○	○	×
-3	×	○	○	○	○	○	×
-4	○	×	×	×	○	○	×

◎ : EMULATION POSSIBLE (INVOLVING DATA TRANSFER)

○ : EMULATION POSSIBLE

× : EMULATION IMPOSSIBLE (REAL OPERATION NECESSARY)

FIG. 80(A)

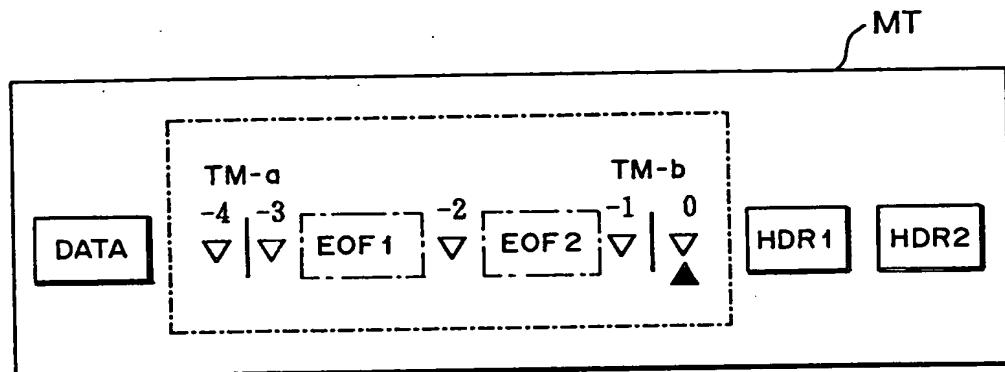


FIG. 80(B)

	RD	RB	BSP	BSPF	SP	FSPF	WTM
0	×	○	○	○	×	×	×
-1	○	○	○	○	○	○	○
-2	×	○	○	○	○	○	×
-3	×	○	○	○	○	○	×
-4	○	×	×	×	○	○	×

○ : EMULATION POSSIBLE

× : EMULATION IMPOSSIBLE (REAL OPERATION NECESSARY)

FIG. 81(A)

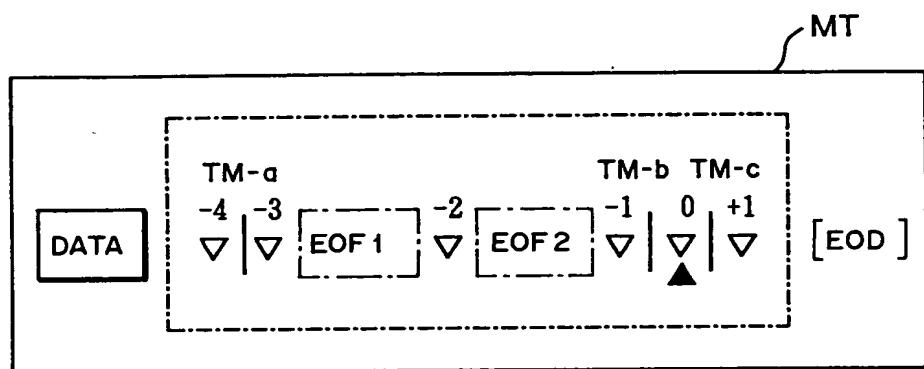


FIG. 81(B)

	RD	RB	BSP	BSPF	SP	FSPF	WTM
+1	x	o	o	o	x	x	x
0	o	o	o	o	o	o	o
-1	o	o	o	o	o	o	x
-2	x	o	o	o	o	o	x
-3	x	o	o	o	o	o	x
-4	o	x	x	x	o	o	x

o : EMULATION POSSIBLE

x : EMULATION IMPOSSIBLE (REAL OPERATION NECESSARY)

F I G. 82

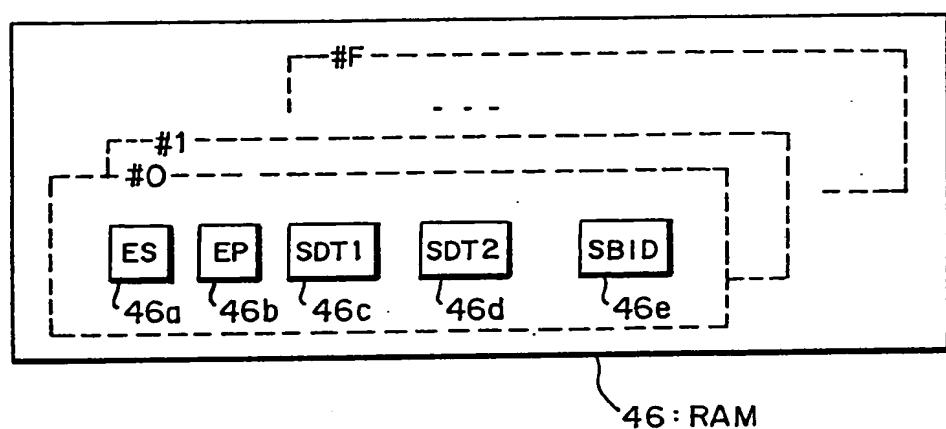


FIG. 83

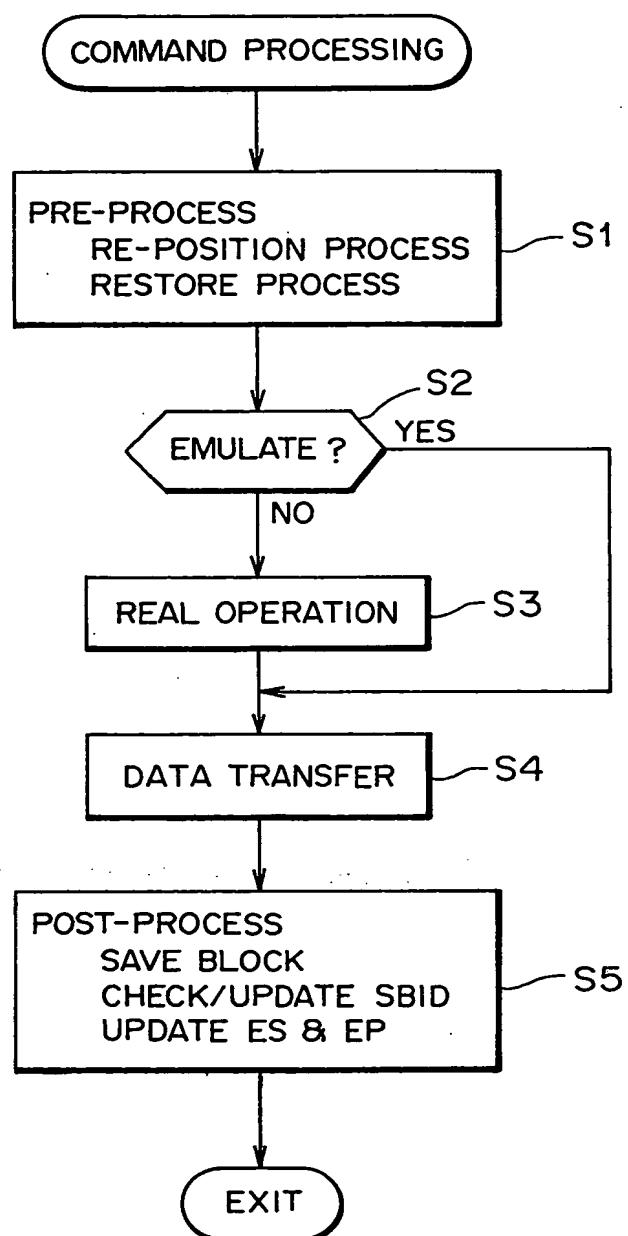


FIG. 84

PRE - PROCESS				OPERATION	POST - PROCESS				PROCESS ID		
ES	EP	RE-POSITION	RESTORE		BLOCK	SAVE	BID PROCESS				
00	--	--	--	REAL READ	TM	--	SBID←REAL BID		10	--	1.00.00
					OTHERS	--	--		00	--	1.00.01
10	--	--	--	REAL READ	EOF	SDT1	--		20	--	1.10.00
					TM	--	SBID←REAL BID		10	--	1.10.01
20	--	--	--	REAL READ	OTHERS	--	--		00	--	1.10.02
					EOF	SDT2	--		30	--	1.20.00
30	--	--	--	REAL READ	TM	--	SBID←REAL BID		10	--	1.20.01
					OTHERS	--	--		00	--	1.20.02
40	--	--	--	REAL READ	TM	--	SBID←REAL BID WHEN (REAL BID)-(SBID)=3		40	0	1.30.00
					OTHERS	--	--		00	--	1.30.01
40	-4	--	--	EMULATE	--	--	--		40	-3	1.40.00
	-3	--	--		EMULATE	--	--		40	-2	1.40.10
	-2	--	--		EMULATE	--	--		40	-1	1.40.20
	-1	--	--		EMULATE	--	--		40	0	1.40.30
50	0	--	--	REAL READ	EOF	SDT1	--		20	--	1.40.40
					TM	--	SBID←REAL BID WHEN (REAL BID)-(SBID)=1		50	--	1.40.41
					OTHERS	--	--		00	--	1.40.42
60	--	--	--	REAL READ	EOF	SDT1	--		20	--	1.50.00
					TM	--	SBID←REAL BID		10	--	1.50.01
					OTHERS	--	--		00	--	1.50.02
60	-4	--	--	EMULATE	--	--	--		60	-3	1.60.00
	-3	--	--		EMULATE	--	--		60	-2	1.60.10
	-2	--	--		EMULATE	--	--		60	-1	1.60.20
	-1	--	--		EMULATE	--	--		60	0	1.60.30
60	0	--	--	REAL READ	--	--	--		60	+1	1.60.40
					EOF	SDT1	SBID+1		20	--	1.60.50
					TM	--	SBID←REAL BID		10	--	1.60.51
60	+1	SBID+EP	--		OTHERS	--	--		00	--	1.60.52

FIG. 85

PRE - PROCESS				OPERATION	POST - PROCESS				PROCESS ID		
ES	EP	RE-POSITION	RESTORE		BLOCK	SAVE	BID PROCESS				
				TM	--	SBID←REAL BID WHEN (REAL BID)-(SBID)=3		ES	EP		
31	--	--	--	REAL READ	OTHERS	--	--		00	--	1.31.01
	-4	--	--	EMULATE	--	--	--		41	-3	1.41.00
	-3	--	SDT1	EMULATE	--	--	--		41	-2	1.41.10
	-2	SBID+EP	--	REAL READ	EOF	SDT2	SBID-3		30	--	1.41.20
					OTHERS	--	--		00	--	1.41.21
41	-1	--	--	EMULATE	--	--	--		41	0	1.41.30
	0	--	--	REAL READ	EOF	SDT1	--		20	--	1.41.40
					TM	--	SBID←REAL BID WHEN (REAL BID)-(SBID)=1		51	--	1.41.41
					OTHERS	--	--		00	--	1.41.42
51	--	--	--	REAL READ	EOF	SDT1	--		20	--	1.51.00
					TM	--	SBID←REAL BID		10	--	1.51.01
					OTHERS	--	--		00	--	1.51.02
	-4	--	--	EMULATE	--	--	--		61	-3	1.61.00
	-3	--	SDT1	EMULATE	--	--	--		61	-2	1.61.10
	-2	SBID+EP	--	REAL READ	EOF	SDT2	SBID-3		30	--	1.61.20
					OTHERS	--	--		00	--	1.61.21
61	-1	--	--	EMULATE	--	--	--		61	0	1.61.30
				EMULATE	--	--	--		61	+1	1.61.40
	0	--	--	REAL READ	EOF	SDT1	SBID+1		20	--	1.61.50
					TM	--	SBID←REAL BID		10	--	1.61.51
					OTHERS	--	--		00	--	1.61.52

F I G. 86

PRE - PROCESS				OPERATION	POST - PROCESS				PROCESS ID		
ES	EP	RE-POSITION	RESTORE		BLOCK	SAVE	BID PROCESS				
22	--	--	--	REAL READ	EOF	SDT2	--		32	-- 1.22.00	
					TM	--	SBID←REAL BID		10	-- 1.22.01	
					OTHERS	--	--		00	-- 1.22.02	
32	--	--	--	REAL READ	TM	--	SBID←REAL BID WHEN (REAL BID)-(SBID)=3		42	0 1.32.00	
					OTHERS	--	--		00	-- 1.32.01	
42	-4	--	--	EMULATE	--	--	--		42	-3 1.42.00	
	SBID+EP	--	--		EOF	SDT1	SBID-3		20	-- 1.42.10	
					OTHERS	--	--		00	-- 1.42.11	
			EMULATE	--	--	--		42	-1 1.42.20		
				--	--	--		42	0 1.42.30		
			EMULATE	--	--	--		20	-- 1.42.40		
				EOF	SDT1	--		52	-- 1.42.41		
			REAL READ	TM	--	SBID←REAL BID WHEN (REAL BID)-(SBID)=1		00	-- 1.42.42		
				OTHERS	--	--		20	-- 1.52.00		
52	--	--	--	REAL READ	EOF	SDT1	--		10	-- 1.52.01	
					TM	--	SBID←REAL BID		00	-- 1.52.02	
					OTHERS	--	--		62	-3 1.62.00	
62	-4	--	--	EMULATE	--	--	--		20	-- 1.62.10	
	SBID+EP	--	--		EOF	SDT1	SBID-3		00	-- 1.62.11	
					OTHERS	--	--		62	-1 1.62.20	
			EMULATE	--	--	--		62	0 1.62.30		
				--	--	--		62	+1 1.62.40		
			EMULATE	--	--	--		20	-- 1.62.50		
				EOF	SDT1	SBID+1		10	-- 1.62.51		
			REAL READ	TM	--	SBID←REAL BID		00	-- 1.62.52		
				OTHERS	--	--		20	-- 1.62.53		

FIG. 87

PRE - PROCESS				OPERATION	POST - PROCESS				PROCESS			
ES	EP	RE-POSITION	RESTORE		BLOCK	SAVE	BID PROCESS		ES	EP	ID	
33	--	--	--	REAL READ	TM	--	SBID←REAL BID WHEN (REAL BID)-(SBID)=3		43	0	1. 33. 00	
					OTHERS	--	--		00	--	1. 33. 01	
43	-4	--	--	EMULATE	--	--	--		43	-3	1. 43. 00	
	-3	SBID+EP	--		EOF	SDT1	SBID-3		20	--	1. 43. 10	
					OTHERS	--	--		00	--	1. 43. 11	
			REAL READ	EOF	SDT2	SBID-3		32	--	1. 43. 20		
	-2	SBID+EP		--		OTHERS	--	--		00	--	1. 43. 21
	-1					EMULATE	--	--		43	0	1. 43. 30
	0			REAL READ	EOF	SDT1	--		20	--	1. 43. 40	
					TM	--	SBID←REAL BID WHEN (REAL BID)-(SBID)=1		53	--	1. 43. 41	
					OTHERS	--	--		00	--	1. 43. 42	
53	--	--	--	REAL READ	EOF	SDT1	--		20	--	1. 53. 00	
					TM	--	SBID←REAL BID		10	--	1. 53. 01	
					OTHERS	--	--		00	--	1. 53. 02	
63	-4	--	--	EMULATE	--	--	--		63	-3	1. 63. 00	
	-3	SBID+EP	--		EOF	SDT1	SBID-3		20	--	1. 63. 10	
					OTHERS	--	--		00	--	1. 63. 11	
			REAL READ	EOF	SDT2	SBID-3		32	--	1. 63. 20		
	-2	SBID+EP		--		OTHERS	--	--		00	--	1. 63. 21
	-1					EMULATE	--	--		63	0	1. 63. 30
	0		REAL READ	EMULATE	--	--		63	+1	1. 63. 40		
	+1	SBID+EP		--		EOF	SDT1	SBID+1		20	--	1. 63. 50
						TM	--	SBID←REAL BID		10	--	1. 63. 51
						OTHERS	--	--		00	--	1. 63. 52

FIG.88

PRE - PROCESS			OPERATION			POST - PROCESS			PROCESS ID	
ES	EP	RE-POSITION	RESTORE	BLOCK	SAVE	BID PROCESS	ES	EP		
00	--	--	--	REAL RB	--	--	--	--	00	-- 2.00.00
10	--	--	--	REAL RB	--	--	--	--	00	-- 2.10.00
20	--	--	--	REAL RB	--	--	--	--	00	-- 2.20.00
30	--	--	--	REAL RB	--	--	--	--	00	-- 2.30.00
-4	SBID+EP	--	--	REAL RB	--	--	--	--	00	-- 2.40.00
-3	--	--	--	EMULATE	--	--	--	--	40	-4 2.40.10
40	-2	--	--	EMULATE	--	--	--	--	40	-3 2.40.20
-1	-	--	--	EMULATE	--	--	--	--	40	-2 2.40.30
0	--	--	--	EMULATE	--	--	--	--	40	-1 2.40.40
50	--	--	--	REAL RB	TW	--	SBID↔REAL BID WHEN (SBID)-(REAL BID)=1	60	0 2.50.00	
-4	SBID+EP	--	--	REAL RB	--	--	--	--	00	-- 2.60.00
-3	--	--	--	EMULATE	--	--	--	--	60	-4 2.60.10
-2	--	--	--	EMULATE	--	--	--	--	60	-3 2.60.20
60	-1	--	--	EMULATE	--	--	--	--	60	-2 2.60.30
0	--	--	--	EMULATE	--	--	--	--	60	-1 2.60.40
+1	--	--	--	EMULATE	--	--	--	--	60	0 2.60.50

FIG. 89

PRE – PROCESS				POST – PROCESS				PROCESS ID	
ES	EP	RE-POSITION	RESTORE	OPERATION	BLOCK	SAVE	BID PROCESS	ES	EP
31	--	--	--	REAL RB	--	--	--	00	--
-4	SBID+EP	--	--	REAL RB	--	--	--	00	--
-3	--	--	--	EMULATE	--	--	--	41	-4
41	-2	--	--	EMULATE	--	--	--	41	-3
-1	--	--	--	EMULATE	--	--	--	41	-2
0	--	--	--	EMULATE	--	--	--	41	-1
51	--	--	--	REAL RB	TW	--	SBID→REAL BID WHEN (SBID)-(REAL BID)=1	61	0
-4	SBID+EP	--	--	REAL RB	--	--	--	00	--
-3	--	--	--	EMULATE	--	--	--	61	-4
-2	--	--	--	EMULATE	--	--	--	61	-3
61	-1	--	--	EMULATE	--	--	--	61	-2
0	--	--	--	EMULATE	--	--	--	61	-1
+1	--	--	--	EMULATE	--	--	--	61	0

FIG. 90

PRE - PROCESS				POST - PROCESS				PROCESS ID	
ES	EP	RE-POSITION	RESTORE	OPERATION	BLOCK	SAVE	BID PROCESS	ES	EP
32	--	--	--	REAL RB	--	--	--	00	--
-4	S8 ID+EP	--	--	REAL RB	--	--	--	00	--
-3	--	--	--	EMULATE	--	--	--	42	-4
42	-2	--	--	EMULATE	--	--	--	42	-3
-1	--	--	--	EMULATE	--	--	--	42	-2
0	--	--	--	EMULATE	--	--	--	42	-1
52	--	--	--	REAL RB	TM	--	SBID↔REAL BID WHEN (SBID)-(REAL BID)=1	62	0
-4	S8 ID+EP	--	--	REAL RB	--	--	--	00	--
-3	--	--	--	EMULATE	--	--	--	62	-4
62	-2	--	--	EMULATE	--	--	--	62	-3
-1	--	--	--	EMULATE	--	--	--	62	-2
0	--	--	--	EMULATE	--	--	--	62	-1
+1	--	--	--	EMULATE	--	--	--	62	0

FIG. 91

PRE – PROCESS				POST – PROCESS				PROCESS ID		
ES	EP	RE- POSITION	RESTORE	OPERATION	BLOCK	SAVE	BID PROCESS	ES	EP	
33	--	--	--	REAL RB	--	--	--	00	--	2.33.00
-4	SBID+EP	--	--	REAL RB	--	--	--	00	--	2.43.00
-3	--	--	--	EMULATE	--	--	--	43	-4	2.43.10
43	-2	--	--	EMULATE	--	--	--	43	-3	2.43.20
-1	--	--	--	EMULATE	--	--	--	43	-2	2.43.30
0	--	--	--	EMULATE	--	--	--	43	-1	2.43.40
53	--	--	--	REAL RB	TIM	--	SBID↔REAL BID WHEN (SBID)-(REAL_BID)=1	63	0	2.53.00
-4	SBID+EP	--	--	REAL RB	--	--	--	00	--	2.63.00
-3	--	--	--	EMULATE	--	--	--	63	-4	2.63.10
-2	--	--	--	EMULATE	--	--	--	63	-3	2.63.20
63	-1	--	--	EMULATE	--	--	--	63	-2	2.63.30
0	--	--	--	EMULATE	--	--	--	63	-1	2.63.40
+1	--	--	--	EMULATE	--	--	--	63	0	2.63.50

FIG. 92

PRE - PROCESS				OPERATION	POST - PROCESS				PROCESS ID		
ES	EP	RE-POSITION	RESTORE		BLOCK	SAVE	BID PROCESS				
00	--	--	--	REAL WR	--	--	--	--	00	--	3.00.00
10	--	--	--	REAL WR	EOF	SDT1	--	--	20	--	3.10.00
	--	--	--		OTHERS	--	--	--	00	--	3.10.01
20	--	--	--	REAL WR	EOF	SDT2	--	--	30	--	3.20.00
	--	--	--		OTHERS	--	--	--	00	--	3.20.01
30	--	--	--	REAL WR	--	--	--	--	00	--	3.30.00
40	-4	SBID+EP	--	REAL WR	--	--	--	--	00	--	3.40.00
	-3		--	REAL WR	EOF	SDT1	SBID-3		20	--	3.40.10
	--		--	REAL WR	OTHERS	--	--	--	00	--	3.40.11
	-2		--	REAL WR	EOF	SDT2	SBID-3		30	--	3.40.20
	--		--	REAL WR	OTHERS	--	--	--	00	--	3.40.21
	-1		--	REAL WR	--	--	--	--	00	--	3.40.30
50	0	--	--	REAL WR	EOF	SDT1	--	--	20	--	3.40.40
	--		--	REAL WR	OTHERS	--	--	--	00	--	3.40.41
60	50	SBID+EP	--	REAL WR	EOF	SDT1	--	--	20	--	3.50.00
	--		--	REAL WR	OTHERS	--	--	--	00	--	3.50.01
	-4		--	REAL WR	--	--	--	--	00	--	3.60.00
	-3		--	REAL WR	EOF	SDT1	SBID-3		20	--	3.60.10
	--		--	REAL WR	OTHERS	--	--	--	00	--	3.60.11
	-2		--	REAL WR	EOF	SDT2	SBID-3		30	--	3.60.20
70	-1	--	--	REAL WR	OTHERS	--	--	--	00	--	3.60.21
	--		--	REAL WR	--	--	--	--	00	--	3.60.30
80	0	--	--	REAL WR	EOF	SDT1	--	--	20	--	3.60.40
	--		--	REAL WR	OTHERS	--	--	--	00	--	3.60.41
90	+1	SBID+EP	--	REAL WR	EOF	SDT1	SBID+1		20	--	3.60.50
	--		--	REAL WR	OTHERS	--	--	--	00	--	3.60.51

FIG. 93

PRE - PROCESS				OPERATION	POST - PROCESS				PROCESS ID	
ES	EP	RE-POSITION	RESTORE		BLOCK	SAVE	BID PROCESS		ES	EP
31	--	--	--	REAL WR	--	--	--	--	00	--
41	-4	SBID+EP	--	REAL WR	--	--	--	--	00	--
	-3		--	REAL WR	EOF	SDT1	SBID-3		20	--
	-2		--	REAL WR	OTHERS	--	--	--	00	--
	-1		--	REAL WR	EOF	SDT2	SBID-3		30	--
	0		--	REAL WR	OTHERS	--	--	--	00	--
				REAL WR	EOF	SDT1	--		00	--
51	--	--	--	REAL WR	OTHERS	--	--	--	20	--
	-4	SBID+EP	--	REAL WR	--	--	--	--	00	--
	-3		--	REAL WR	EOF	SDT1	SBID-3		20	--
	-2		--	REAL WR	OTHERS	--	--	--	00	--
	-1		--	REAL WR	EOF	SDT2	SBID-3		30	--
	0		--	REAL WR	OTHERS	--	--	--	00	--
61	+1	SBID+EP	--	REAL WR	EOF	SDT1	SBID+1		20	--
				REAL WR	OTHERS	--	--	--	00	--

FIG. 94

PRE - PROCESS				OPERATION	POST - PROCESS				PROCESS ID	
ES	EP	RE-POSITION	RESTORE		BLOCK	SAVE	BID PROCESS			
22	--	--	--	REAL WR	EOF	SDT2	--		32	-- 3.22.00
	--	--	--		OTHERS	--	--		00	-- 3.22.01
32	--	--	--	REAL WR	--	--	--		00	-- 3.32.00
42	-4	SBID+EP	--	REAL WR	--	--	--		00	-- 3.42.00
	-3		--	REAL WR	EOF	SDT1	SBID-3		20	-- 3.42.10
	--		--	REAL WR	OTHERS	--	--		00	-- 3.42.11
	-2		--	REAL WR	EOF	SDT2	SBID-3		32	-- 3.42.20
	--		--	REAL WR	OTHERS	--	--		00	-- 3.42.21
	-1		--	REAL WR	--	--	--		00	-- 3.42.30
52	0	--	--	REAL WR	EOF	SDT1	--		20	-- 3.42.40
	--		--	REAL WR	OTHERS	--	--		00	-- 3.42.41
62	--	SBID+EP	--	REAL WR	EOF	SDT1	--		20	-- 3.52.00
	--		--	REAL WR	OTHERS	--	--		00	-- 3.52.01
	-4		--	REAL WR	--	--	--		00	-- 3.62.00
	-3		--	REAL WR	EOF	SDT1	SBID-3		20	-- 3.62.10
	--		--	REAL WR	OTHERS	--	--		00	-- 3.62.11
	-2		--	REAL WR	EOF	SDT2	SBID-3		32	-- 3.62.20
62	--	SBID+EP	--	REAL WR	OTHERS	--	--		00	-- 3.62.21
	-1		--	REAL WR	--	--	--		00	-- 3.62.30
	0		--	REAL WR	EOF	SDT1	--		20	-- 3.62.40
	--		--	REAL WR	OTHERS	--	--		00	-- 3.62.41
	+1		--	REAL WR	EOF	SDT1	SBID+1		20	-- 3.62.50
	--		--	REAL WR	OTHERS	--	--		00	-- 3.62.51

FIG. 95

ES	EP	PRE - PROCESS		OPERATION	POST - PROCESS				PROCESS ID		
		RE-POSITION	RESTORE		BLOCK	SAVE	BID PROCESS				
33	--	--	--	REAL WR	--	--	--	--	00	--	3.33.00
43	-4	SBID+EP	--	REAL WR	--	--	--	--	00	--	3.43.00
	-3		--	REAL WR	EOF	SDT1	SBID-3		20	--	3.43.10
	-2		--	REAL WR	OTHERS	--	--	--	00	--	3.43.11
	-1		--	REAL WR	EOF	SDT2	SBID-3		32	--	3.43.20
	0		--	REAL WR	OTHERS	--	--	--	00	--	3.43.21
			--	REAL WR	EOF	SDT1	--	--	20	--	3.43.30
			--	REAL WR	OTHERS	--	--	--	00	--	3.43.40
53	--	--	--	REAL WR	EOF	SDT1	--	--	20	--	3.53.00
		SBID+EP	--	REAL WR	OTHERS	--	--	--	00	--	3.53.01
	-4		--	REAL WR	--	--	--	--	00	--	3.63.00
	-3		--	REAL WR	EOF	SDT1	SBID-3		20	--	3.63.10
	-2		--	REAL WR	OTHERS	--	--	--	00	--	3.63.11
	-1		--	REAL WR	EOF	SDT2	SBID-3		32	--	3.63.20
	0		--	REAL WR	OTHERS	--	--	--	00	--	3.63.21
63		SBID+EP	--	REAL WR	--	--	--	--	00	--	3.63.30
			--	REAL WR	EOF	SDT1	--	--	20	--	3.63.40
			--	REAL WR	OTHERS	--	--	--	00	--	3.63.41
	+1		--	REAL WR	EOF	SDT1	SBID+1		20	--	3.63.50
			--	REAL WR	OTHERS	--	--	--	00	--	3.63.51

FIG. 96

PRE - PROCESS				OPERATION	POST - PROCESS				PROCESS ID		
ES	EP	RE-POSITION	RESTORE		BLOCK	SAVE	BID PROCESS				
00	--	--	--	REAL BSP	--	--	--	--	00	--	4.00.00
10	--	--	--	REAL BSP	--	--	--	--	00	--	4.10.00
20	--	--	--	REAL BSP	--	--	--	--	10	--	4.20.00
30	--	--	--	REAL BSP	--	--	--	--	20	--	4.30.00
40	-4	SBID+EP	--	REAL BSP	--	--	--	--	00	--	4.40.00
	-3	--	--	EMULATE	--	--	--	--	40	-4	4.40.10
	-2	--	--	EMULATE	--	--	--	--	40	-3	4.40.20
	-1	--	--	EMULATE	--	--	--	--	40	-2	4.40.30
	0	--	--	EMULATE	--	--	--	--	40	-1	4.40.40
50	--	--	--	REAL BSP	TM	--	SBID←REAL BID WHEN (SBID)-(REAL BID)=1		60	0	4.50.00
60	-4	SBID+EP	--	REAL BSP	--	--	--	--	00	--	4.60.00
	-3	--	--	EMULATE	--	--	--	--	60	-4	4.60.10
	-2	--	--	EMULATE	--	--	--	--	60	-3	4.60.20
	-1	--	--	EMULATE	--	--	--	--	60	-2	4.60.30
	0	--	--	EMULATE	--	--	--	--	60	-1	4.60.40
	+1	--	--	EMULATE	--	--	--	--	60	0	4.60.50

FIG. 97

PRE - PROCESS				OPERATION	POST - PROCESS				PROCESS ID	
ES	EP	RE-POSITION	RESTORE		BLOCK	SAVE	BID PROCESS	ES	EP	
31	--	--	--	REAL BSP	--	--	--	20	--	4.31.00
41	-4	SBID+EP	--	REAL BSP	--	--	--	00	--	4.41.00
	-3	--	--	EMULATE	--	--	--	41	-4	4.41.10
	-2	--	--	EMULATE	--	--	--	41	-3	4.41.20
	-1	--	--	EMULATE	--	--	--	41	-2	4.41.30
	0	--	--	EMULATE	--	--	--	41	-1	4.41.40
51	--	--	--	REAL BSP	TM	--	SBID←REAL BID WHEN (SBID)-(REAL BID)=1	61	0	4.51.00
61	-4	SBID+EP	--	REAL BSP	--	--	--	00	--	4.61.00
	-3	--	--	EMULATE	--	--	--	61	-4	4.61.10
	-2	--	--	EMULATE	--	--	--	61	-3	4.61.20
	-1	--	--	EMULATE	--	--	--	61	-2	4.61.30
	0	--	--	EMULATE	--	--	--	61	-1	4.61.40
	+1	--	--	EMULATE	--	--	--	61	0	4.61.50

FIG. 98

PRE - PROCESS				OPERATION	POST - PROCESS				PROCESS ID	
ES	EP	RE-POSITION	RESTORE		BLOCK	SAVE	BID PROCESS			
22	--	--	--	REAL BSP	--	--	--	--	10	-- 4.22.00
32	--	--	--	REAL BSP	--	--	--	--	22	-- 4.32.00
42	-4	SBID+EP	--	REAL BSP	--	--	--	--	00	-- 4.42.00
	-3	--	--	EMULATE	--	--	--	--	42	-4 4.42.10
	-2	--	--	EMULATE	--	--	--	--	42	-3 4.42.20
	-1	--	--	EMULATE	--	--	--	--	42	-2-- 4.42.30
	0	--	--	EMULATE	--	--	--	--	42	-1 4.42.40
52	--	--	--	REAL BSP	TM	--	SBID←REAL BID WHEN (SBID)-(REAL BID)=1		62	0 4.52.00
62	-4	SBID+EP	--	REAL BSP	--	--	--	--	00	-- 4.62.00
	-3	--	--	EMULATE	--	--	--	--	62	-4 4.62.10
	-2	--	--	EMULATE	--	--	--	--	62	-3 4.62.20
	-1	--	--	EMULATE	--	--	--	--	62	-2 4.62.30
	0	--	--	EMULATE	--	--	--	--	62	-1 4.62.40
	+1	--	--	EMULATE	--	--	--	--	62	0 4.62.50

FIG. 99

PRE - PROCESS				OPERATION	POST - PROCESS				PROCESS ID	
ES	EP	RE-POSITION	RESTORE		BLOCK	SAVE	BID PROCESS	ES		
33	--	--	--	REAL BSP	--	--	--	22	--	4.33.00
43	-4	SBID+EP	--	REAL BSP	--	--	--	00	--	4.43.00
	-3	--	--	EMULATE	--	--	--	43	-4	4.43.10
	-2	--	--	EMULATE	--	--	--	43	-3	4.43.20
	-1	--	--	EMULATE	--	--	--	43	-2	4.43.30
	0	--	--	EMULATE	--	--	--	43	-1	4.43.40
53	--	--	--	REAL BSP	TM	--	SBID←REAL BID WHEN (SBID)-(REAL BID)=1	63	0	4.53.00
63	-4	SBID+EP	--	REAL BSP	--	--	--	00	--	4.63.00
	-3	--	--	EMULATE	--	--	--	63	-4	4.63.10
	-2	--	--	EMULATE	--	--	--	63	-3	4.63.20
	-1	--	--	EMULATE	--	--	--	63	-2	4.63.30
	0	--	--	EMULATE	--	--	--	63	-1	4.63.40
	+1	--	--	EMULATE	--	--	--	63	0	4.63.50

FIG. 100

PRE - PROCESS				OPERATION	POST - PROCESS				PROCESS ID
ES	EP	RE-POSITION	RESTORE		BLOCK	SAVE	BID PROCESS		
							ES	EP	
00	--	--	--	REAL BSPF	--	--	--	--	5.00.00
10	--	--	--	REAL BSPF	--	--	--	--	5.10.00
20	--	--	--	REAL BSPF	--	--	--	--	5.20.00
30	--	--	--	REAL BSPF	--	--	--	--	5.30.00
40	-4	SBID+EP	--	REAL BSPF	--	--	--	--	5.40.00
	-3	--	--	EMULATE	--	--	--	--	5.40.10
	-2	--	--	EMULATE	--	--	--	--	5.40.20
	-1	--	--	EMULATE	--	--	--	--	5.40.30
	0	--	--	EMULATE	--	--	--	--	5.40.40
50	--	--	--	REAL BSPF	TM	--	SBID←REAL BID WHEN (SBID)-(REAL BID)=1		5.50.00
60	-4	SBID+EP	--	REAL BSPF	--	--	--	--	5.60.00
	-3	--	--	EMULATE	--	--	--	--	5.60.10
	-2	--	--	EMULATE	--	--	--	--	5.60.20
	-1	--	--	EMULATE	--	--	--	--	5.60.30
	0	--	--	EMULATE	--	--	--	--	5.60.40
	+1	--	--	EMULATE	--	--	--	--	5.60.50

FIG. 101

PRE - PROCESS				OPERATION	POST - PROCESS				PROCESS ID	
ES	EP	RE-POSITION	RESTORE		BLOCK	SAVE	BID PROCESS		ES	EP
31	--	--	--	REAL BSPF	--	--	--		00	--
41	-4	SBID+EP	--	REAL BSPF	--	--	--		00	--
	-3	--	--	EMULATE	--	--	--		41	-4
	-2	--	--	EMULATE	--	--	--		41	-4
	-1	--	--	EMULATE	--	--	--		41	-4
	0	--	--	EMULATE	--	--	--		41	-1
51	--	--	--	REAL BSPF	TM	--	SBID--REAL BID WHEN (SBID)-(REAL BID)=1		61	0
61	-4	SBID+EP	--	REAL BSPF	--	--	--		00	--
	-3	--	--	EMULATE	--	--	--		61	-4
	-2	--	--	EMULATE	--	--	--		61	-4
	-1	--	--	EMULATE	--	--	--		61	-4
	0	--	--	EMULATE	--	--	--		61	-1
	+1	--	--	EMULATE	--	--	--		61	0

FIG. 102

PRE - PROCESS				OPERATION	POST - PROCESS				PROCESS ID	
ES	EP	RE-POSITION	RESTORE		BLOCK	SAVE	BID PROCESS	ES	EP	
22	--	--	--	REAL BSPF	--	--	--	00	--	5.22.00
32	--	--	--	REAL BSPF	--	--	--	00	--	5.32.00
	-4	SBID+EP	--	REAL BSPF	--	--	--	00	--	5.42.00
	-3	--	--	EMULATE	--	--	--	42	-4	5.42.10
42	-2	--	--	EMULATE	--	--	--	42	-4	5.42.20
	-1	--	--	EMULATE	--	--	--	42	-4	5.42.30
	0	--	--	EMULATE	--	--	--	42	-1	5.42.40
52	--	--	--	REAL BSPF	TM	--	SBID←REAL BID WHEN (SBID)-(REAL BID)=1	62	0	5.52.00
	-4	SBID+EP	--	REAL BSPF	--	--	--	00	--	5.62.00
	-3	--	--	EMULATE	--	--	--	62	-4	5.62.10
62	-2	--	--	EMULATE	--	--	--	62	-4	5.62.20
	-1	--	--	EMULATE	--	--	--	62	-4	5.62.30
	0	--	--	EMULATE	--	--	--	62	-1	5.62.40
	+1	--	--	EMULATE	--	--	--	62	0	5.62.50

FIG. 103

PRE - PROCESS				OPERATION	POST - PROCESS				PROCESS ID	
ES	EP	RE-POSITION	RESTORE		BLOCK	SAVE	BID PROCESS			
33	--	--	--	REAL BSPF	--	--	--	--	00	-- 5.33.00
43	-4	SBID+EP	--	REAL BSPF	--	--	--	--	00	-- 5.43.00
	-3	--	--	EMULATE	--	--	--	--	43	-4 5.43.10
	-2	--	--	EMULATE	--	--	--	--	43	-4 5.43.20
	-1	--	--	EMULATE	--	--	--	--	43	-4 5.43.30
	0	--	--	EMULATE	--	--	--	--	43	-1 5.43.40
53	--	--	--	REAL BSPF	TM	--	SBID←REAL BID WHEN (SBID)-(REAL BID)=1		63	0 5.53.00
63	-4	SBID+EP	--	REAL BSPF	--	--	--	--	00	-- 5.63.00
	-3	--	--	EMULATE	--	--	--	--	63	-4 5.63.10
	-2	--	--	EMULATE	--	--	--	--	63	-4 5.63.20
	-1	--	--	EMULATE	--	--	--	--	63	-4 5.63.30
	0	--	--	EMULATE	--	--	--	--	63	-1 5.63.40
	+1	--	--	EMULATE	--	--	--	--	63	0 5.63.50

FIG. 104

PRE - PROCESS				OPERATION	POST - PROCESS				PROCESS ID	
ES	EP	RE-POSITION	RESTORE		BLOCK	SAVE	BID PROCESS			
				TM	--	SBID←REAL BID		ES	EP	
00	--	--	--	REAL SP	OTHERS	--	SBID←REAL BID		00	-- 6.00.01
					EOF	--	SBID←REAL BID		22	-- 6.10.00
10	--	--	--	REAL SP	TM	--	SBID←REAL BID		10	-- 6.10.01
					OTHERS	--	SBID←REAL BID		00	-- 6.10.02
					EOF	--	SBID←REAL BID		31	-- 6.20.00
20	--	--	--	REAL SP	TM	--	SBID←REAL BID		10	-- 6.20.01
					OTHERS	--	SBID←REAL BID		00	-- 6.20.02
					TM	--	SBID←REAL BID WHEN (REAL BID)-(SBID)=3		40	0 6.30.00
30	--	--	--	REAL SP	OTHERS	--	SBID←REAL BID		00	-- 6.30.01
					EOF	--	SBID←REAL BID		40	-3 6.40.00
40	-4	--	--	EMULATE	TM	--	SBID←REAL BID		40	-2 6.40.10
					OTHERS	--	SBID←REAL BID		40	-1 6.40.20
					EOF	--	SBID←REAL BID		40	0 6.40.30
					TM	--	SBID←REAL BID WHEN (REAL BID)-(SBID)=1		22	-- 6.40.40
50	-3	--	--	REAL SP	OTHERS	--	SBID←REAL BID		50	-- 6.40.41
					EOF	--	SBID←REAL BID		00	-- 6.40.42
					TM	--	SBID←REAL BID		22	-- 6.50.00
60	-2	--	--	REAL SP	OTHERS	--	SBID←REAL BID		10	-- 6.50.01
					EOF	--	SBID←REAL BID		00	-- 6.50.02
					TM	--	SBID←REAL BID		22	-- 6.50.03
60	-1	--	--	EMULATE	OTHERS	--	SBID←REAL BID		60	-3 6.60.00
					EOF	--	SBID←REAL BID		60	-2 6.60.10
					TM	--	SBID←REAL BID		60	-1 6.60.20
					OTHERS	--	SBID←REAL BID		60	0 6.60.30
60	0	--	--	EMULATE	EOF	--	SBID+1		60	+1 6.60.40
					TM	--	SBID←REAL BID		22	-- 6.60.50
					OTHERS	--	SBID←REAL BID		10	-- 6.60.51
60	+1	SBID+EP	--	REAL SP	EOF	--	SBID←REAL BID		00	-- 6.60.52

FIG. 105

PRE - PROCESS				OPERATION	POST - PROCESS				PROCESS ID	
ES	EP	RE-POSITION	RESTORE		BLOCK	SAVE	BID PROCESS			
31	--	--	--	REAL SP	TM	--	SBID←REAL BID WHEN (REAL BID)-(SBID)=3		41	0 6.31.00
					OTHERS	--	--		00	-- 6.31.01
41	-4	--	--	EMULATE	--	--	--		41	-3 6.41.00
	-3	--	--		--	--	--		41	-2 6.41.10
	-2	--	--		--	--	--		41	-1 6.41.20
	-1	--	--		--	--	--		41	0 6.41.30
	0	--	--	REAL SP	EOF	--	--		22	-- 6.41.40
51					TM	--	SBID←REAL BID WHEN (REAL BID)-(SBID)=1		51	-- 6.41.41
					OTHERS	--	--		00	-- 6.41.42
				REAL SP	EOF	--	--		22	-- 6.51.00
61	--	--	--		TM	--	SBID←REAL BID		10	-- 6.51.01
					OTHERS	--	--		00	-- 6.51.02
				EMULATE	--	--	--		61	-3 6.61.00
61	-4	--	--		--	--	--		61	-2 6.61.10
	-3	--	--		--	--	--		61	-1 6.61.20
	-2	--	--		--	--	--		61	0 6.61.30
	-1	--	--		--	--	--		61	+1 6.61.40
61	0	--	--	REAL SP	--	--	--		61	-- 6.61.50
					EOF	--	SBID+1		22	-- 6.61.51
					TM	--	SBID←REAL BID		10	-- 6.61.52
	+1	SBID+EP	--	OTHERS	--	--	--		00	-- 6.61.52

FIG. 106

PRE - PROCESS				OPERATION	POST - PROCESS				PROCESS ID	
ES	EP	RE-POSITION	RESTORE		BLOCK	SAVE	BID PROCESS			
22	--	--	--	REAL SP	EOF	--	--		33	-- 6.22.00
					TM	--	SBID←REAL BID		10	-- 6.22.01
					OTHERS	--	--		00	-- 6.22.02
32	--	--	--	REAL SP	TM	--	SBID←REAL BID WHEN (REAL BID)-(SBID)=3		42	0 6.32.00
					OTHERS	--	--		00	-- 6.32.01
42	-4	--	--	EMULATE	EOF	--	--		42	-3 6.42.00
	-3	--	--		TM	--	--		42	-2 6.42.10
	-2	--	--		OTHERS	--	--		42	-1 6.42.20
	-1	--	--		EOF	--	--		42	0 6.42.30
	0	--	--	REAL SP	TM	--	SBID←REAL BID WHEN (REAL BID)-(SBID)=1		52	-- 6.42.41
					OTHERS	--	--		00	-- 6.42.42
					EOF	--	--		22	-- 6.52.00
					TM	--	SBID←REAL BID		10	-- 6.52.01
	52	--	--	REAL SP	OTHERS	--	--		00	-- 6.52.02
					EOF	--	--		62	-3 6.62.00
					TM	--	SBID←REAL BID		62	-2 6.62.10
					OTHERS	--	--		62	-1 6.62.20
					EOF	--	--		62	0 6.62.30
					TM	--	SBID←REAL BID		62	+1 6.62.40
					OTHERS	--	--		62	-- 6.62.50
					EOF	--	SBID+1		22	-- 6.62.51
					TM	--	SBID←REAL BID		10	-- 6.62.52
					OTHERS	--	--		00	-- 6.62.52
62	+1	SBID+EP	--	REAL SP	EOF	--	SBID+1		22	-- 6.62.50
	TM	--	SBID←REAL BID		10	-- 6.62.51				
	OTHERS	--	--		00	-- 6.62.52				

FIG. 107

PRE - PROCESS				OPERATION	POST - PROCESS					PROCESS ID		
ES	EP	RE-POSITION	RESTORE		BLOCK	SAVE	BID PROCESS		ES			
33	--	--	--	REAL SP	TM	--	SBID←REAL BID WHEN (REAL BID)-(SBID)=3		43	0	6. 33. 00	
					OTHERS	--	--		00	--	6. 33. 01	
43	-4	--	--	EMULATE	--	--	--		43	-3	6. 43. 00	
	-3	--	--		--	--	--		43	-2	6. 43. 10	
	-2	--	--		--	--	--		43	-1	6. 43. 20	
	-1	--	--		--	--	--		43	0	6. 43. 30	
	0	--	--		EOF	--	--		22	--	6. 43. 40	
	REAL SP	TM	REAL SP		--	--	SBID←REAL BID WHEN (REAL BID)-(SBID)=1		53	--	6. 43. 41	
					OTHERS	--	--		00	--	6. 43. 42	
			REAL SP		EOF	--	--		22	--	6. 53. 00	
					--	--	SBID←REAL BID		10	--	6. 53. 01	
					OTHERS	--	--		00	--	6. 53. 02	
63	-4	--	--	EMULATE	--	--	--		63	-3	6. 63. 00	
	-3	--	--		--	--	--		63	-2	6. 63. 10	
	-2	--	--		--	--	--		63	-1	6. 63. 20	
	-1	--	--		--	--	--		63	0	6. 63. 30	
	0	--	--		--	--	--		63	+1	6. 63. 40	
	REAL SP	TM	REAL SP		EOF	--	SBID+1		22	--	6. 63. 50	
					--	--	SBID←REAL BID		10	--	6. 63. 51	
			REAL SP		OTHERS	--	--		00	--	6. 63. 52	

FIG. 108

PRE - PROCESS				OPERATION	POST - PROCESS				PROCESS ID	
ES	EP	RE-POSITION	RESTORE		BLOCK	SAVE	BID PROCESS			
				TM	--	SBID←REAL BID		ES	EP	
00	--	--	--	REAL FSPF	OTHERS	--	--		00	--
					TM	--	SBID←REAL BID WHEN (REAL BID)-(SBID)=3		43	0
10	--	--	--	REAL FSPF	OTHERS	--	SBID←REAL BID WHEN (REAL BID)-(SBID)≠3		10	--
					TM	--	--		00	--
					OTHERS	--	SBID←REAL BID WHEN (REAL BID)-(SBID)=3		41	0
20	--	--	--	REAL FSPF	OTHERS	--	SBID←REAL BID WHEN (REAL BID)-(SBID)≠3		10	--
					TM	--	--		00	--
					OTHERS	--	SBID←REAL BID WHEN (REAL BID)-(SBID)=3		41	0
30	--	--	--	REAL FSPF	OTHERS	--	SBID←REAL BID WHEN (REAL BID)-(SBID)≠3		10	--
					TM	--	--		00	--
					OTHERS	--	SBID←REAL BID WHEN (REAL BID)-(SBID)=3		40	0
40	-4	--	--	EMULATE	TM	--	SBID←REAL BID WHEN (REAL BID)-(SBID)=3		40	-3
	-3	--	--		TM	--	SBID←REAL BID WHEN (REAL BID)-(SBID)=1		40	0
	-2	--	--		TM	--	SBID←REAL BID WHEN (REAL BID)-(SBID)≠1AND3		40	0
	-1	--	--		TM	--	SBID←REAL BID WHEN (REAL BID)-(SBID)≠3		43	0
	0	--	--		TM	--	SBID←REAL BID WHEN (REAL BID)-(SBID)=1		50	--
50	--	--	--	REAL FSPF	OTHERS	--	SBID←REAL BID WHEN (REAL BID)-(SBID)≠1AND3		10	--
					TM	--	--		00	--
					OTHERS	--	SBID←REAL BID WHEN (REAL BID)-(SBID)=3		43	0
60	-4	--	--	EMULATE	TM	--	SBID←REAL BID WHEN (REAL BID)-(SBID)=3		43	0
	-3	--	--		TM	--	SBID←REAL BID WHEN (REAL BID)-(SBID)≠3		10	--
	-2	--	--		TM	--	--		00	--
	-1	--	--		TM	--	SBID←REAL BID WHEN (REAL BID)-(SBID)=3		60	-3
	0	--	--		TM	--	SBID←REAL BID WHEN (REAL BID)-(SBID)≠3		60	0
+1	SBID+EP	--	--	REAL FSPF	TM	--	SBID←REAL BID WHEN (REAL BID)-(SBID)=3		43	0
					TM	--	SBID←REAL BID WHEN (REAL BID)-(SBID)≠3		10	--
					TM	--	--		00	--
					OTHERS	--	SBID←REAL BID WHEN (REAL BID)-(SBID)=3		43	0

FIG. 109

PRE - PROCESS				OPERATION	POST - PROCESS				PROCESS ID	
ES	EP	RE-POSITION	RESTORE		BLOCK	SAVE	BID PROCESS			
							SBID←REAL BID WHEN (REAL BID)-(SBID)=3	ES	EP	
31	--	--	--	REAL FSPF	TM	--	SBID←REAL BID WHEN (REAL BID)-(SBID)=3	41	0	7.31.00
	-4	--	--			--	SBID←REAL BID WHEN (REAL BID)-(SBID)≠3	10	--	7.31.01
	-3	--	--		OTHERS	--	--	00	--	7.31.02
41	-3	--	--	EMULATE	--	--	--	41	-3	7.41.00
	-2	--	--		--	--	--	41	0	7.41.10
	-1	--	--		--	--	--	41	0	7.41.20
	-1	--	--		TM	--	SBID←REAL BID WHEN (REAL BID)-(SBID)=3	43	0	7.41.30
	0	--	--			--	SBID←REAL BID WHEN (REAL BID)-(SBID)=1	51	--	7.41.40
51	--	--	--	REAL FSPF	TM	--	SBID←REAL BID WHEN (REAL BID)-(SBID)≠1 AND 3	10	--	7.41.41
	-4	--	--			--	--	00	--	7.41.42
	-3	--	--		OTHERS	--	--	--	--	7.41.43
61	-3	--	--	EMULATE	TM	--	SBID←REAL BID WHEN (REAL BID)-(SBID)=3	43	0	7.51.00
	-2	--	--			--	SBID←REAL BID WHEN (REAL BID)-(SBID)≠3	10	--	7.51.01
	-1	--	--		OTHERS	--	--	00	--	7.51.02
	-1	--	--		--	--	--	61	-3	7.61.00
	0	--	--		--	--	--	61	0	7.61.10
+1	SBID+EP	--	--	REAL FSPF	TM	--	SBID←REAL BID WHEN (REAL BID)-(SBID)=3	43	0	7.61.20
						--	SBID←REAL BID WHEN (REAL BID)-(SBID)≠3	10	--	7.61.30
					OTHERS	--	--	00	--	7.61.40
					--	--	--	61	+1	7.61.50
					--	--	--	10	--	7.61.51
					OTHERS	--	--	00	--	7.61.52

FIG. 110

PRE - PROCESS				OPERATION	POST - PROCESS				PROCESS ID		
ES	EP	RE-POSITION	RESTORE		BLOCK	SAVE	BID PROCESS				
							SBID←REAL BID WHEN (REAL BID)-(SBID)=3	ES	EP		
22	--	--	--	REAL FSPF	TM	--	SBID←REAL BID WHEN (REAL BID)-(SBID)=3	43	0	7.22.00	
	--	--	--			--	SBID←REAL BID WHEN (REAL BID)-(SBID)≠3	10	--	7.22.01	
	--	--	--		OTHERS	--	--	00	--	7.22.02	
32	--	--	--	REAL FSPF	TM	--	SBID←REAL BID WHEN (REAL BID)-(SBID)=3	42	0	7.32.00	
	--	--	--			--	SBID←REAL BID WHEN (REAL BID)-(SBID)≠3	10	--	7.32.01	
	--	--	--		OTHERS	--	--	00	--	7.32.02	
42	-4	--	--	EMULATE	REAL FSPF	--	--	--	42	-3	7.42.00
	-3	--	--			--	--	--	42	0	7.42.10
	-2	--	--			--	--	--	42	0	7.42.20
	-1	--	--			--	--	--	42	0	7.42.30
	0	--	--		TM	--	SBID←REAL BID WHEN (REAL BID)-(SBID)=3	43	0	7.42.40	
	--	--	--			--	SBID←REAL BID WHEN (REAL BID)-(SBID)=1	52	--	7.42.41	
	--	--	--			--	SBID←REAL BID WHEN (REAL BID)-(SBID)≠1 AND 3	10	--	7.42.42	
	--	--	--		OTHERS	--	--	00	--	7.42.43	
52	--	--	--	REAL FSPF	TM	--	SBID←REAL BID WHEN (REAL BID)-(SBID)=3	43	0	7.52.00	
	--	--	--			--	SBID←REAL BID WHEN (REAL BID)-(SBID)≠3	10	--	7.52.01	
	--	--	--		OTHERS	--	--	00	--	7.52.02	
	-4	--	--		EMULATE	--	--	--	62	-3	7.62.00
	-3	--	--			--	--	--	62	0	7.62.10
62	-2	--	--			--	--	--	62	0	7.62.20
	-1	--	--			--	--	--	62	0	7.62.30
	0	--	--			--	--	--	62	+1	7.62.40
	+1	SBID+EP	--		REAL FSPF	--	SBID←REAL BID WHEN (REAL BID)-(SBID)=3	43	0	7.62.50	
	--	--	--			--	SBID←REAL BID WHEN (REAL BID)-(SBID)≠3	10	--	7.62.51	
	--	--	--	OTHERS	--	--	--	00	--	7.62.52	

FIG. 111

PRE - PROCESS				OPERATION	POST - PROCESS				PROCESS ID	
ES	EP	RE-POSITION	RESTORE		BLOCK	SAVE	BID PROCESS			
							SBID←REAL BID WHEN (REAL BID)-(SBID)=3	ES	EP	
33	--	--	--	REAL FSPF	TM	--	SBID←REAL BID WHEN (REAL BID)-(SBID)≠3	43	0	7.33.00
						--	SBID←REAL BID WHEN (REAL BID)-(SBID)≠3	10	--	7.33.01
						--	--	00	--	7.33.02
43	-4	--	--	EMULATE	--	--	--	43	-3	7.43.00
	-3	--	--		--	--	--	43	0	7.43.10
	-2	--	--		--	--	--	43	0	7.43.20
	-1	--	--		--	--	--	43	0	7.43.30
53	0	--	--	REAL FSPF	TM	--	SBID←REAL BID WHEN (REAL BID)-(SBID)=3	43	0	7.53.40
						--	SBID←REAL BID WHEN (REAL BID)-(SBID)=1	53	--	7.53.41
						--	SBID←REAL BID WHEN (REAL BID)-(SBID)≠1 AND 3	10	--	7.53.42
					OTHERS	--	--	00	--	7.53.43
						--	SBID←REAL BID WHEN (REAL BID)-(SBID)=3	43	0	7.53.00
63	-4	--	--	EMULATE	--	--	--	63	-3	7.63.00
					--	--	--	63	0	7.63.10
					--	--	--	63	0	7.63.20
					--	--	--	63	0	7.63.30
63	0	--	--	EMULATE	--	--	--	63	+1	7.63.40
					TM	--	SBID←REAL BID WHEN (REAL BID)-(SBID)=3	43	0	7.63.50
						--	SBID←REAL BID WHEN (REAL BID)-(SBID)≠3	10	--	7.63.51
						--	--	00	--	7.63.52
	+1	SBID+EP	--	REAL FSPF						

FIG. 112

PRE - PROCESS				OPERATION	POST - PROCESS				PROCESS ID	
ES	EP	RE-POSITION	RESTORE		BLOCK	SAVE	BID PROCESS	ES		
00	--	--	--	REAL WTM	--	--	SBID←REAL BID	10	--	8.00.00
10	--	--	--	REAL WTM	--	--	SBID←REAL BID	10	--	8.10.00
20	--	--	--	REAL WTM	--	--	SBID←REAL BID	10	--	8.20.00
30	--	--	--	REAL WTM	--	--	SBID←REAL BID WHEN (REAL BID)-(SBID)=3	40	0	8.30.00
40	-4	SBID+EP	--	REAL WTM	--	--		10	--	8.40.00
	-3	SBID+EP	--	REAL WTM	--	--	SBID←REAL BID	10	--	8.40.10
	-2	SBID+EP	--	REAL WTM	--	--	SBID←REAL BID	10	--	8.40.20
	-1	--	--	EMULATE	--	--		40	0	8.40.30
	0	--	--	REAL WTM	--	--	SBID←REAL BID WHEN (REAL BID)-(SBID)=1	50	--	8.40.40
50	--	--	--	REAL WTM	--	--	SBID←REAL BID	10	--	8.50.00
60	-4	SBID+EP	--	REAL WTM	--	--	SBID←REAL BID	10	--	8.60.00
	-3	SBID+EP	--	REAL WTM	--	--	SBID←REAL BID	10	--	8.60.10
	-2	SBID+EP	--	REAL WTM	--	--	SBID←REAL BID	10	--	8.60.20
	-1	SBID+EP	--	REAL WTM	--	--	SBID←REAL BID	10	--	8.60.30
	0	--	--	EMULATE	--	--		60	+1	8.60.40
	+1	SBID+EP	--	REAL WTM	--	--	SBID←REAL BID	10	--	8.60.50

FIG. 113

PRE - PROCESS				OPERATION	POST - PROCESS				PROCESS ID	
ES	EP	RE-POSITION	RESTORE		BLOCK	SAVE	BID PROCESS			
31	--	--	--	REAL WTM	--	--	SBID←REAL BID WHEN (REAL BID)-(SBID)=3	41	0	8.31.00
	-4	SBID+EP	--	REAL WTM	--	--	SBID←REAL BID	10	--	8.41.00
	-3	SBID+EP	--	REAL WTM	--	--	SBID←REAL BID	10	--	8.41.10
	-2	SBID+EP	--	REAL WTM	--	--	SBID←REAL BID	10	--	8.41.20
	-1	--	--	EMULATE	--	--	--	41	0	8.41.30
41	0	--	--	REAL WTM	--	--	SBID←REAL BID WHEN (REAL BID)-(SBID)=1	51	--	8.41.40
	--	--	--	REAL WTM	--	--	SBID←REAL BID	10	--	8.51.00
	-4	SBID+EP	--	REAL WTM	--	--	SBID←REAL BID	10	--	8.61.00
	-3	SBID+EP	--	REAL WTM	--	--	SBID←REAL BID	10	--	8.61.10
	-2	SBID+EP	--	REAL WTM	--	--	SBID←REAL BID	10	--	8.61.20
51	-1	SBID+EP	--	REAL WTM	--	--	SBID←REAL BID	10	--	8.61.30
	0	--	--	EMULATE	--	--	--	61	+1	8.61.40
	+1	SBID+EP	--	REAL WTM	--	--	SBID←REAL BID	10	--	8.61.50

F I G. 114

PRE - PROCESS				OPERATION	POST - PROCESS				PROCESS ID	
ES	EP	RE-POSITION	RESTORE		BLOCK	SAVE	BID PROCESS			
22	--	--	--	REAL WTM	--	--	SBID←REAL BID		10	--
32	--	--	--	REAL WTM	--	--	SBID←REAL BID WHEN (REAL BID)-(SBID)=3		42	0
42	-4	SBID+EP	--	REAL WTM	--	--	SBID←REAL BID		10	--
	-3	SBID+EP	--	REAL WTM	--	--	SBID←REAL BID		10	--
	-2	SBID+EP	--	REAL WTM	--	--	SBID←REAL BID		10	--
	-1	--	--	EMULATE	--	--	--		42	0
	0	--	--	REAL WTM	--	--	SBID←REAL BID WHEN (REAL BID)-(SBID)=1		52	--
52	--	--	--	REAL WTM	--	--	SBID←REAL BID		10	--
62	-4	SBID+EP	--	REAL WTM	--	--	SBID←REAL BID		10	--
	-3	SBID+EP	--	REAL WTM	--	--	SBID←REAL BID		10	--
	-2	SBID+EP	--	REAL WTM	--	--	SBID←REAL BID		10	--
	-1	SBID+EP	--	REAL WTM	--	--	SBID←REAL BID		10	--
	0	--	--	EMULATE	--	--	--		62	+1
	+1	SBID+EP	--	REAL WTM	--	--	SBID←REAL BID		10	--

FIG. 115

PRE - PROCESS				OPERATION	POST - PROCESS				PROCESS ID
ES	EP	RE-POSITION	RESTORE		BLOCK	SAVE	BID PROCESS	ES	
33	--	--	--	REAL WTM	--	--	SBID←REAL BID WHEN (REAL BID)-(SBID)=3	42	0 8.33.00
43	-4	SBID+EP	--	REAL WTM	--	--	SBID←REAL BID	10	-- 8.43.00
	-3	SBID+EP	--	REAL WTM	--	--	SBID←REAL BID	10	-- 8.43.10
	-2	SBID+EP	--	REAL WTM	--	--	SBID←REAL BID	10	-- 8.43.20
	-1	--	--	EMULATE	--	--	--	43	0 8.43.30
	0	--	--	REAL WTM	--	--	SBID←REAL BID WHEN (REAL BID)-(SBID)=1	53	-- 8.43.40
53	--	--	--	REAL WTM	--	--	SBID←REAL BID	10	-- 8.53.00
63	-4	SBID+EP	--	REAL WTM	--	--	SBID←REAL BID	10	-- 8.63.00
	-3	SBID+EP	--	REAL WTM	--	--	SBID←REAL BID	10	-- 8.63.10
	-2	SBID+EP	--	REAL WTM	--	--	SBID←REAL BID	10	-- 8.63.20
	-1	SBID+EP	--	REAL WTM	--	--	SBID←REAL BID	10	-- 8.63.30
	0	--	--	EMULATE	--	--	--	63	+1 8.63.40
	+1	SBID+EP	--	REAL WTM	--	--	SBID←REAL BID	10	-- 8.63.50

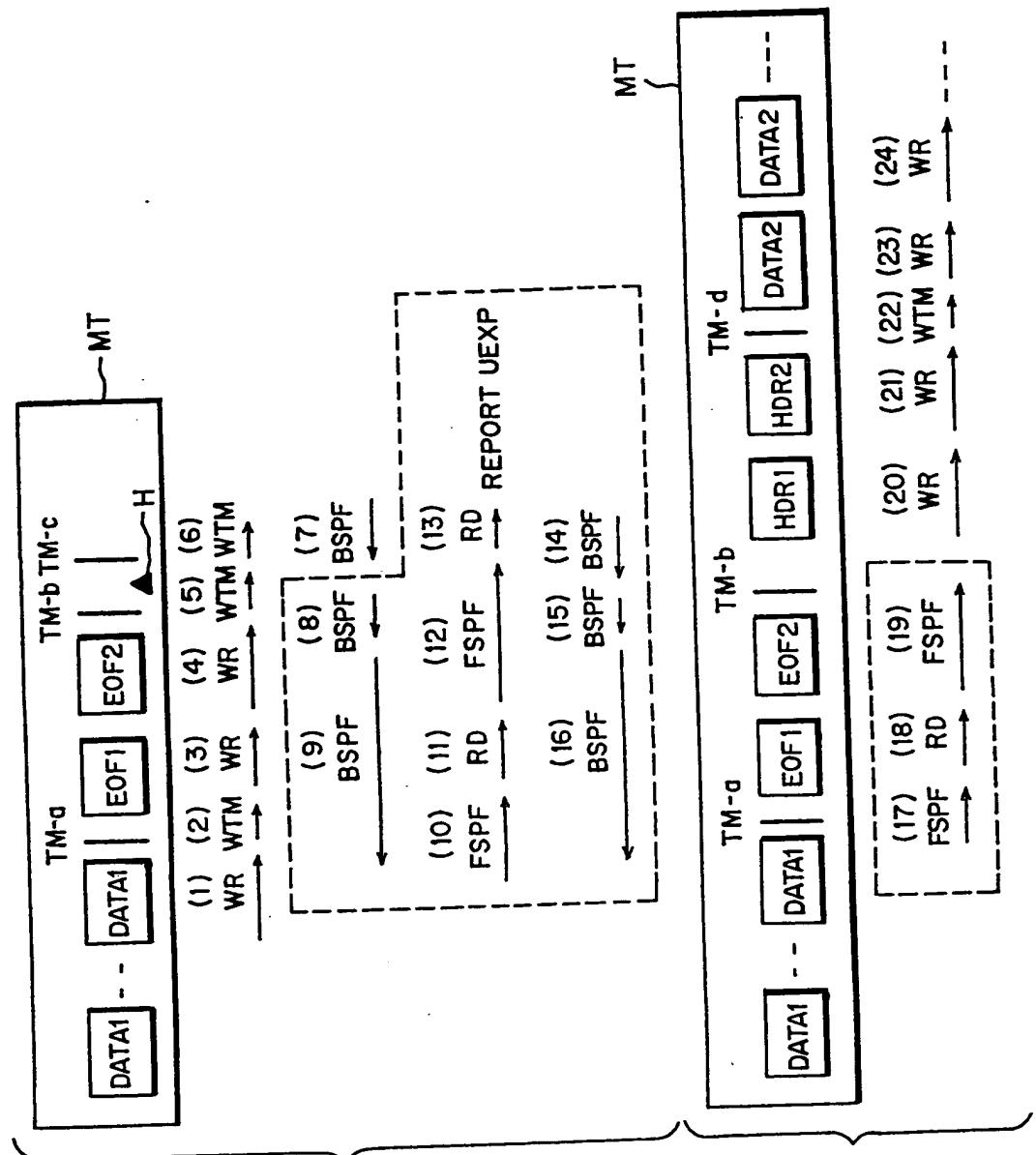


FIG. 116(A)

FIG. 116(B)

FIG.117(A)

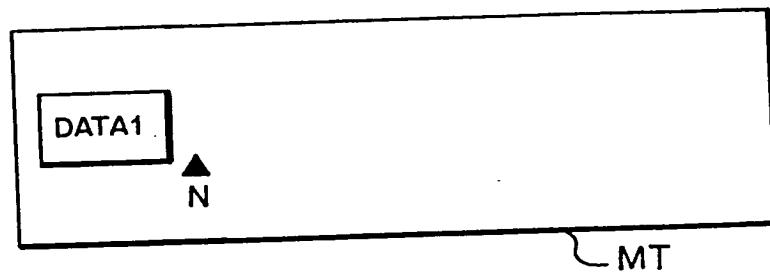


FIG.117(B)

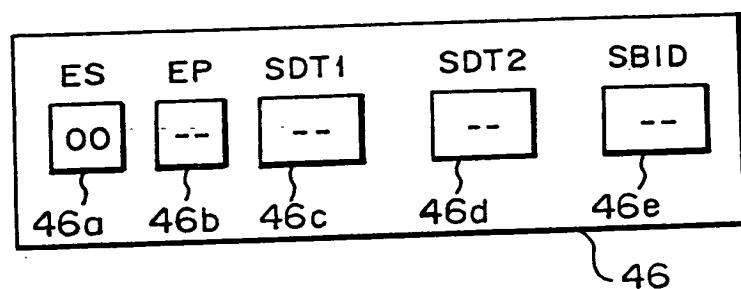


FIG.118(A)

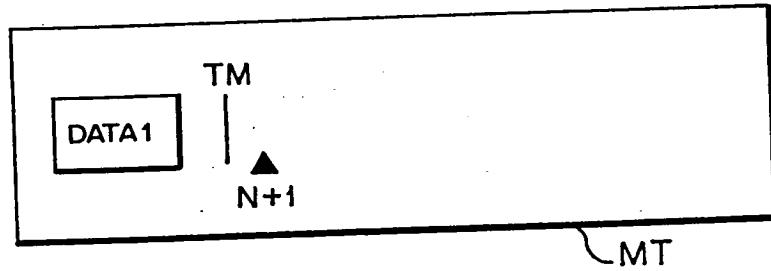


FIG.118(B)

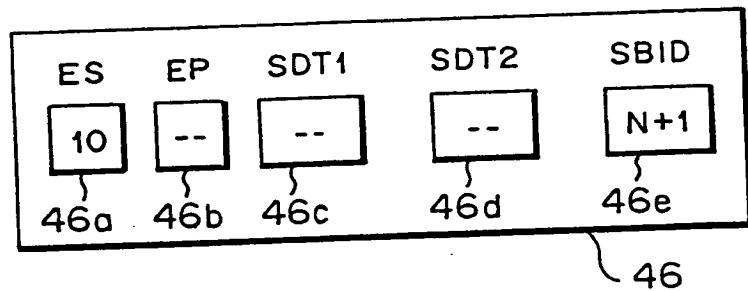


FIG. 119(A)

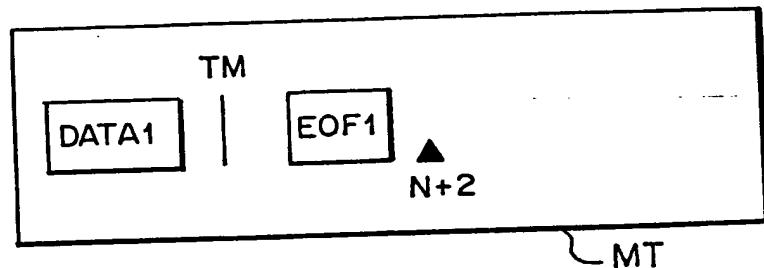


FIG. 119(B)

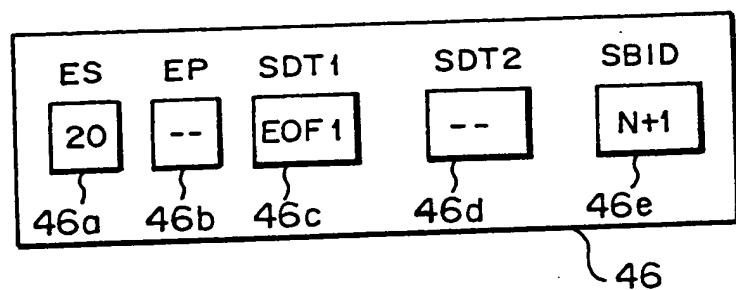


FIG. 120(A)

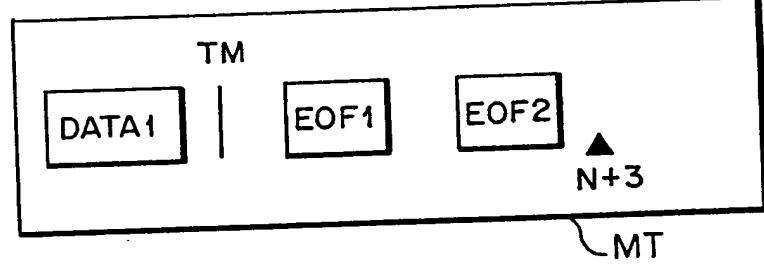


FIG. 120(B)

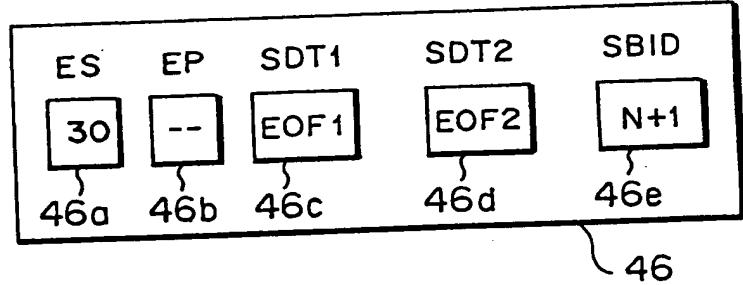


FIG. 121(A)

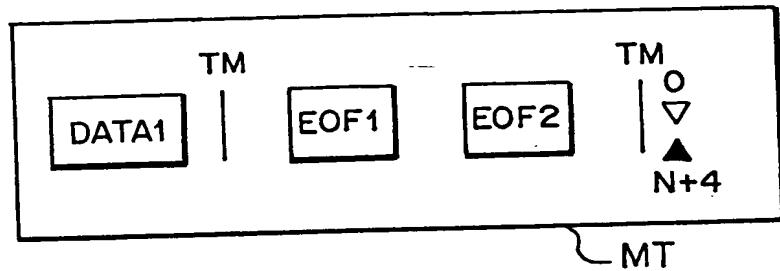


FIG. 121(B)

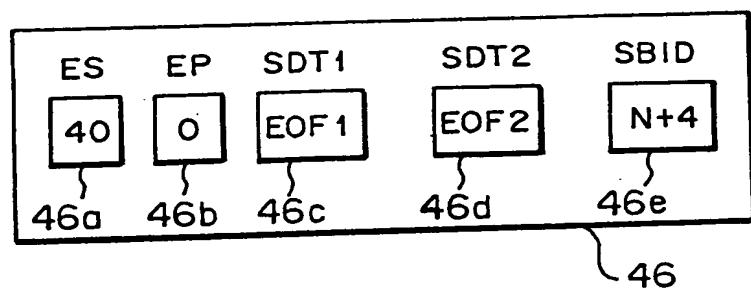


FIG. 122(A)

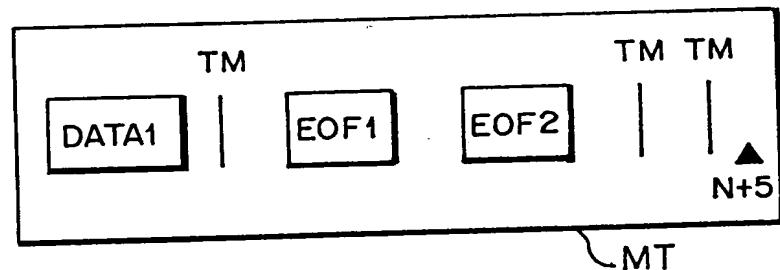


FIG. 122(B)

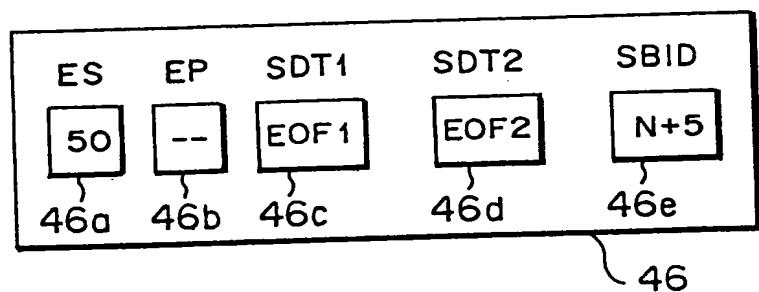


FIG. 123(A)

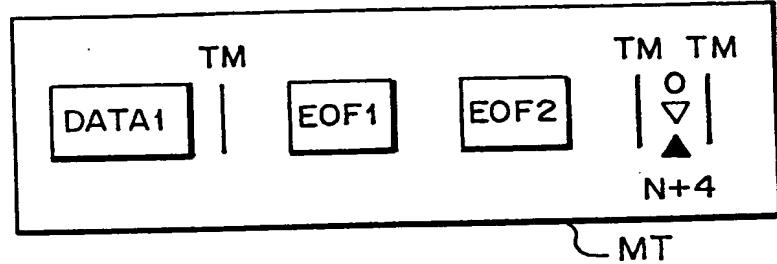


FIG. 123(B)

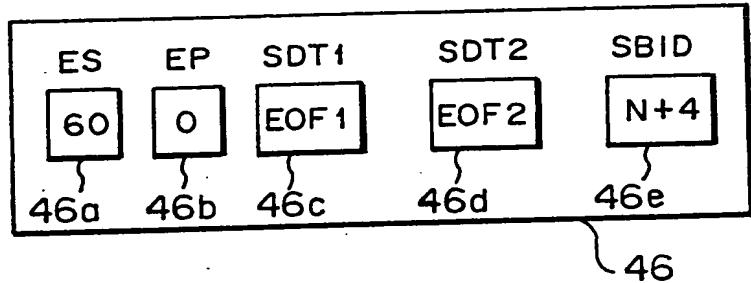


FIG. 124(A)

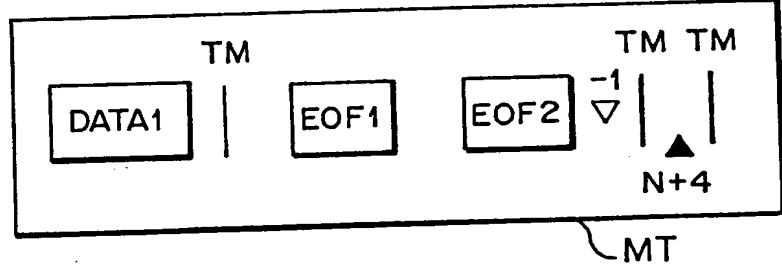


FIG. 124(B)

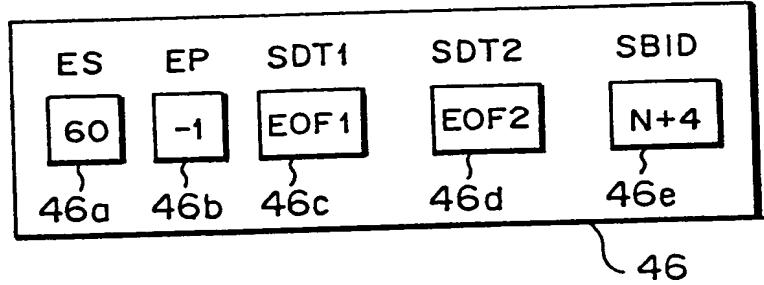


FIG. 125(A)

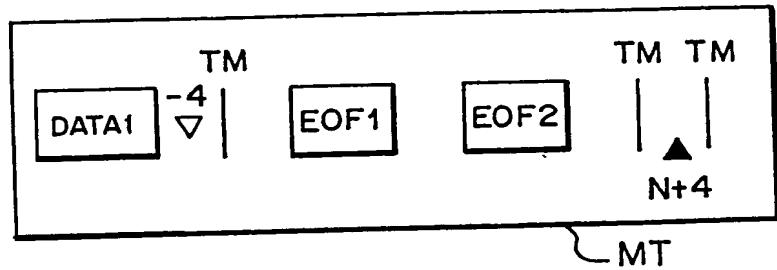


FIG. 125(B)

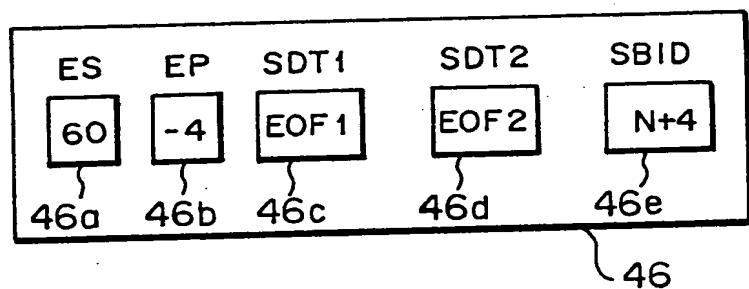


FIG. 126(A)

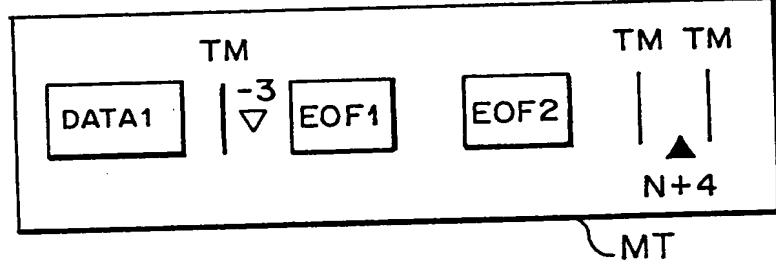


FIG. 126(B)

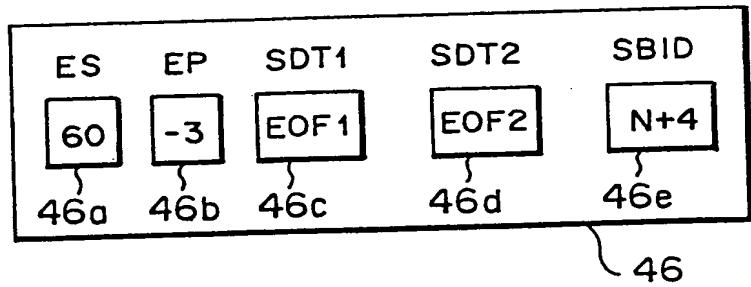


FIG.127(A)

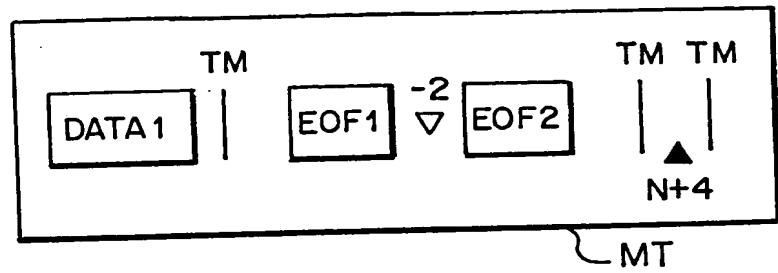


FIG.127(B)

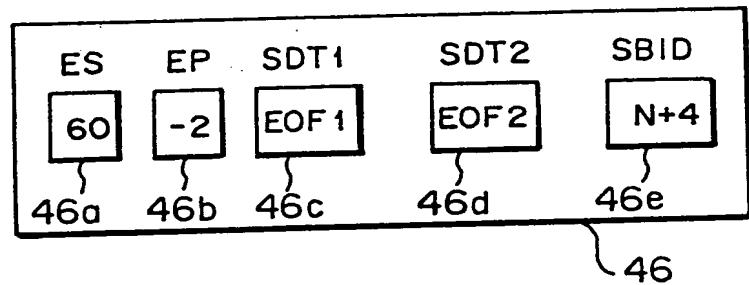


FIG.128(A)

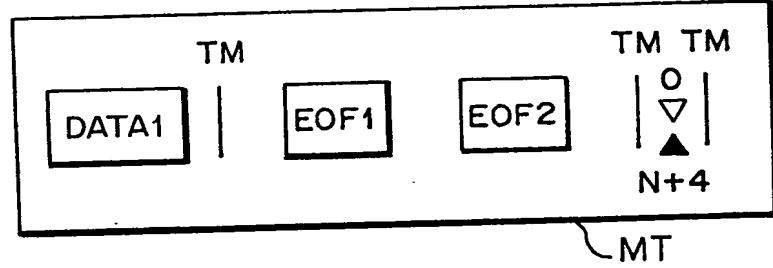


FIG.128(B)

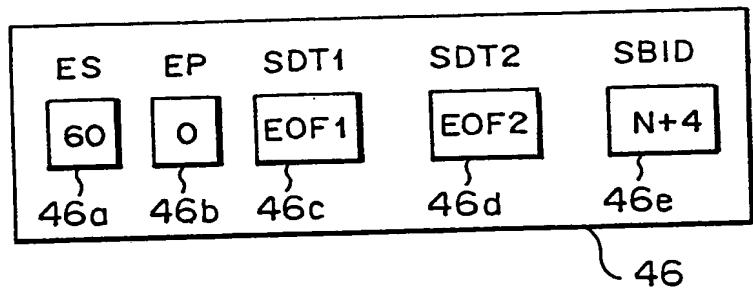


FIG. 129(A)

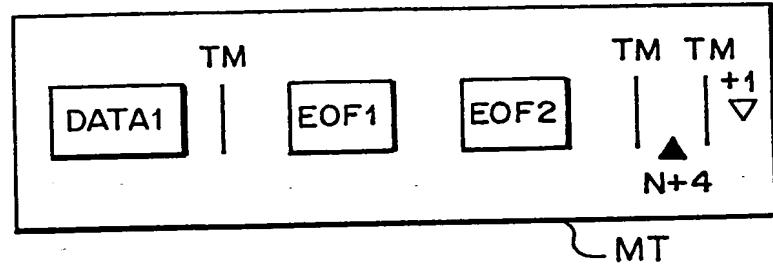


FIG. 129(B)

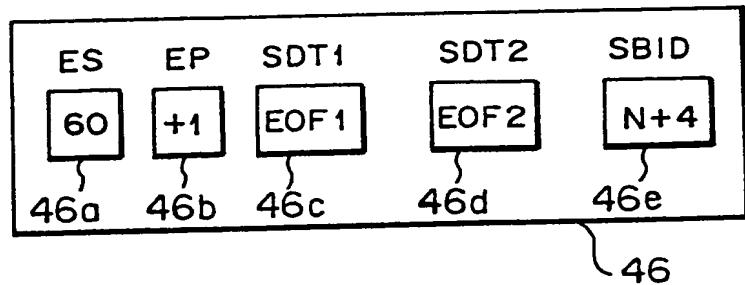


FIG. 130(A)

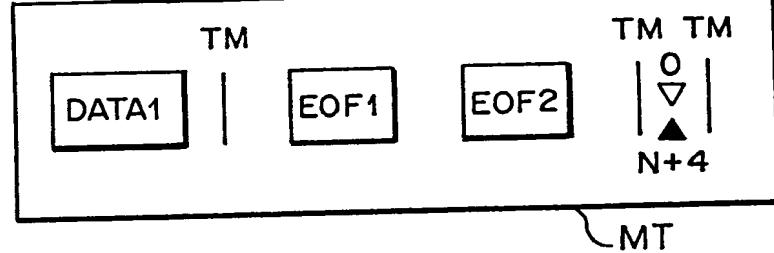


FIG. 130(B)

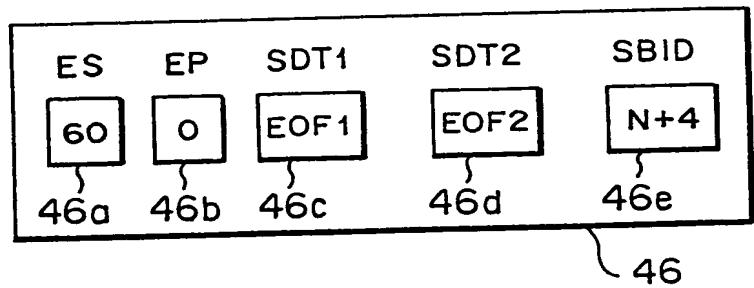


FIG. 131(A)

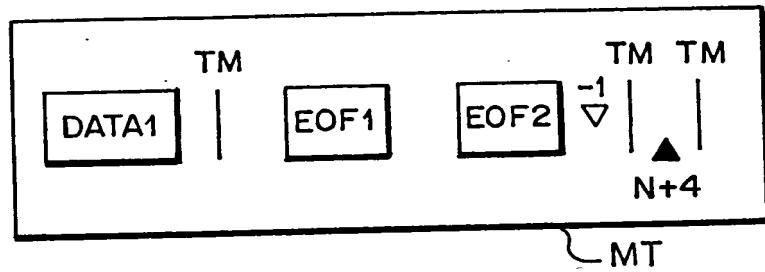


FIG. 131(B)

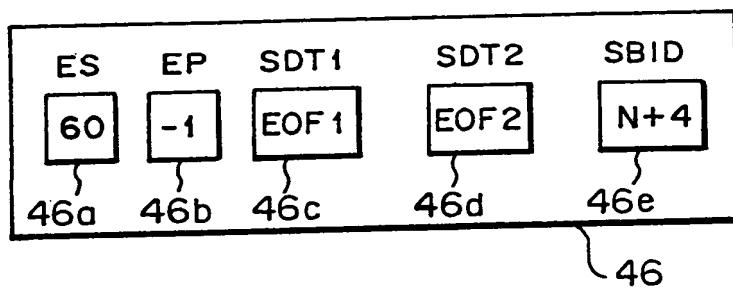


FIG. 132(A)

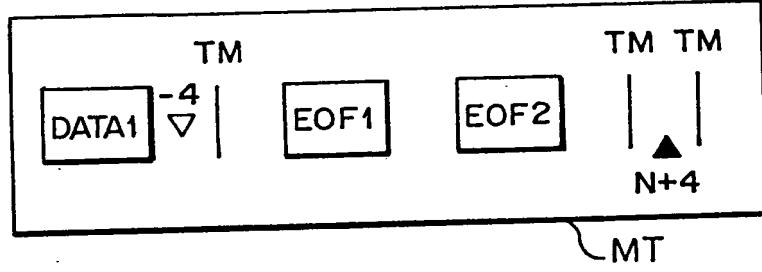


FIG. 132(B)

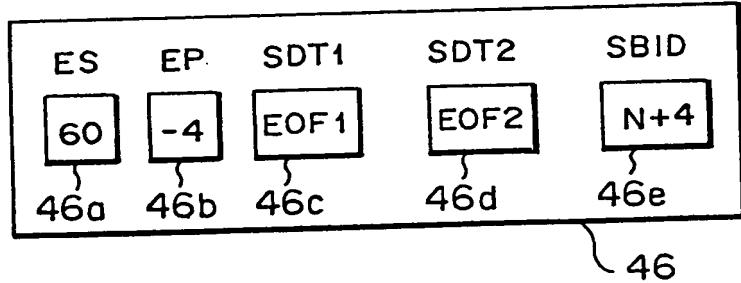


FIG. 133(A)

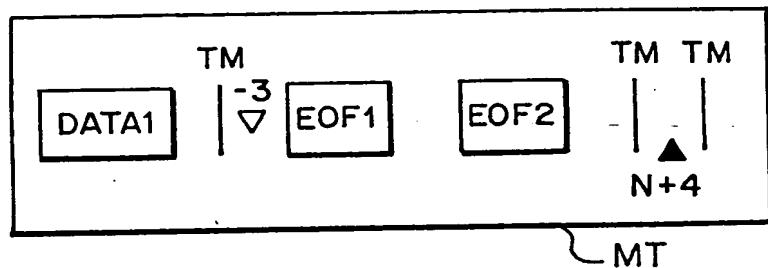


FIG. 133(B)

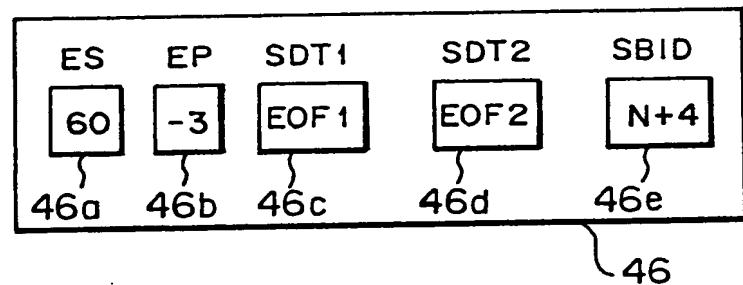


FIG. 134(A)

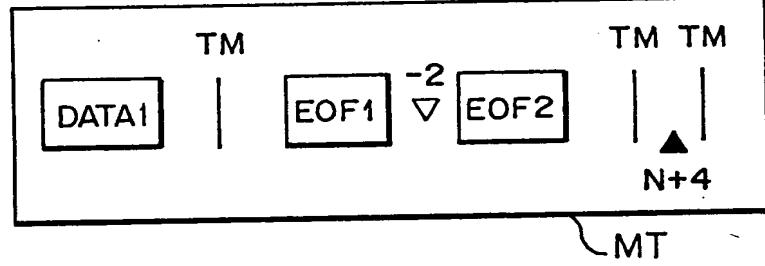


FIG. 134(B)

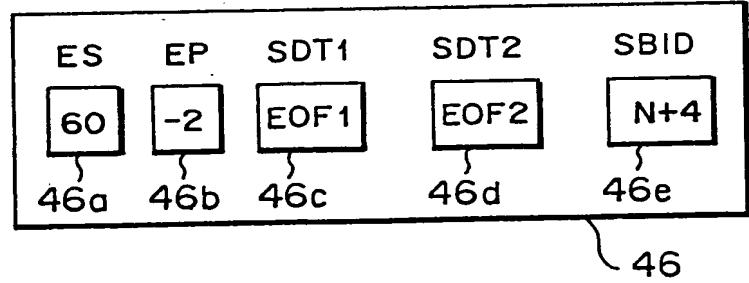


FIG. 135(A)

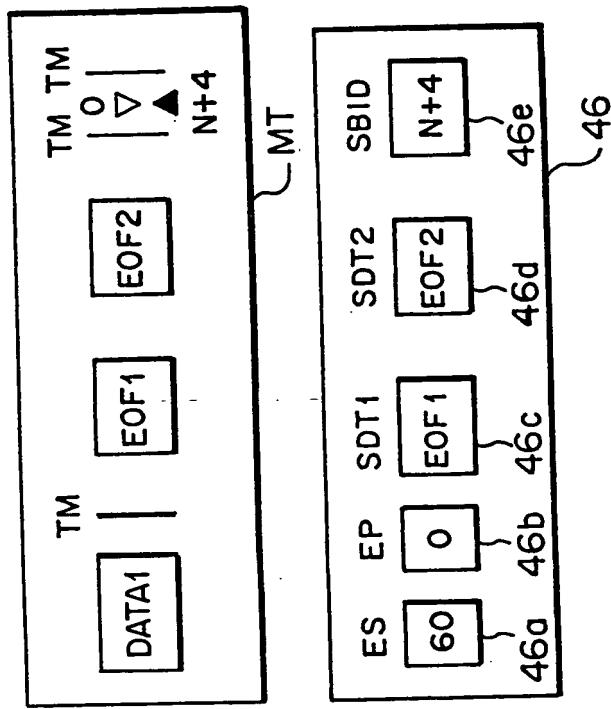


FIG. 135(B)

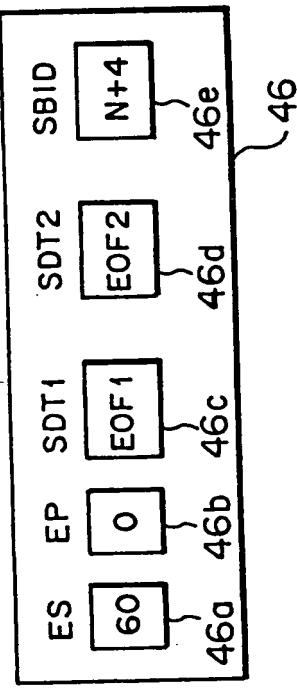


FIG. 136(A)

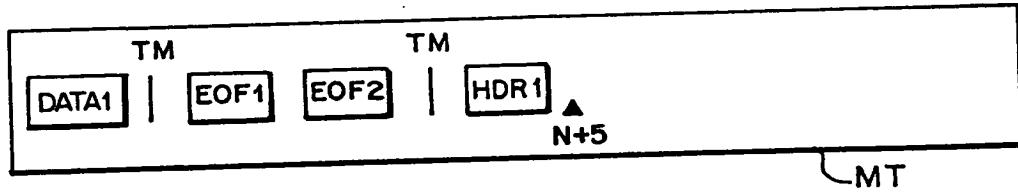


FIG. 136(B)

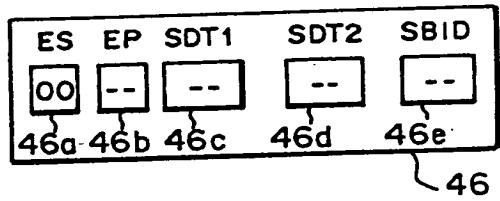


FIG. 137(A)

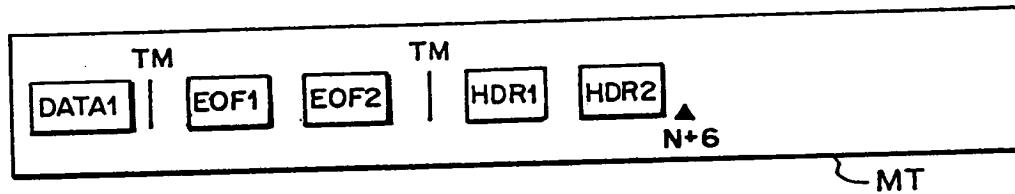


FIG. 137(B)

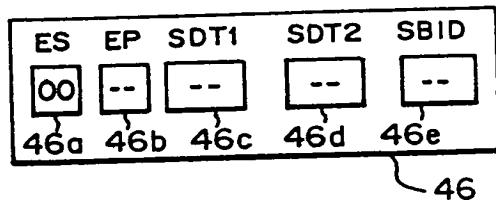


FIG. 138(A)

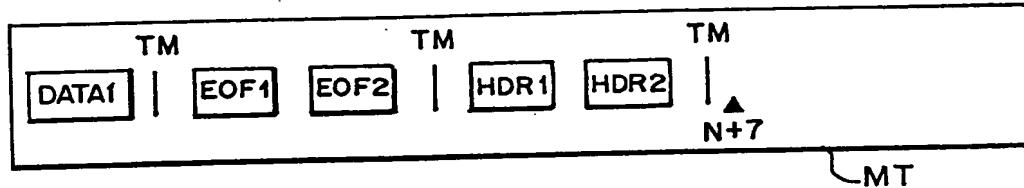


FIG. 138(B)

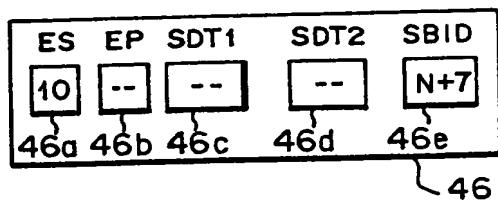


FIG. 139(A)

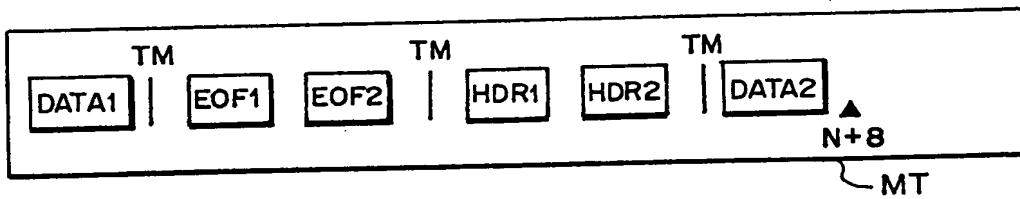


FIG. 139(B)

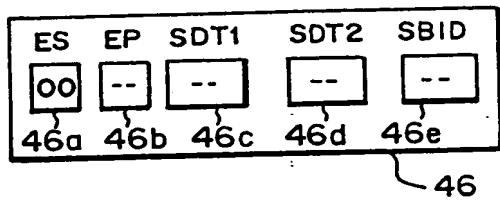


FIG. 140(A)

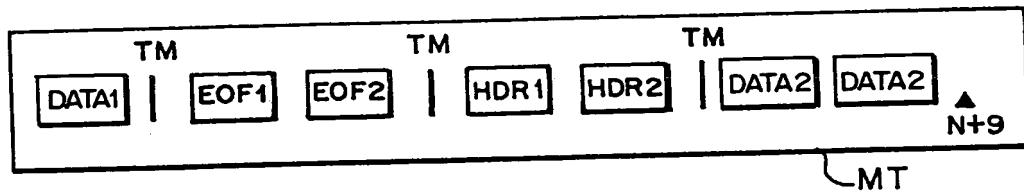


FIG. 140(B)

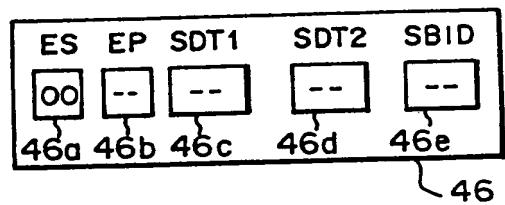


FIG. 141

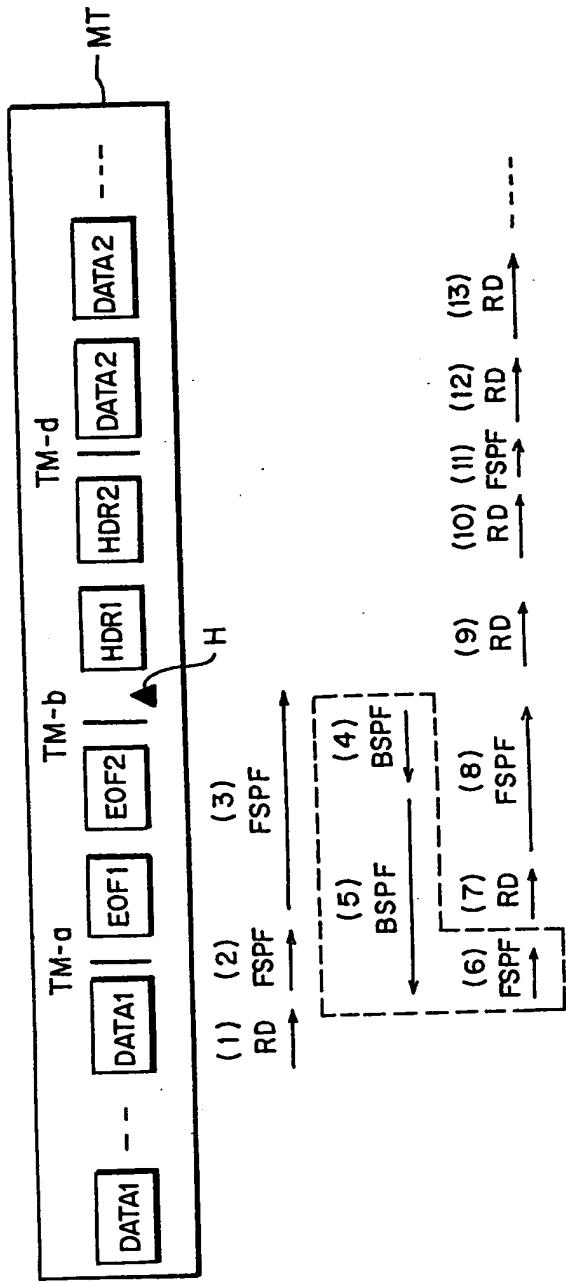


FIG. 142(A)

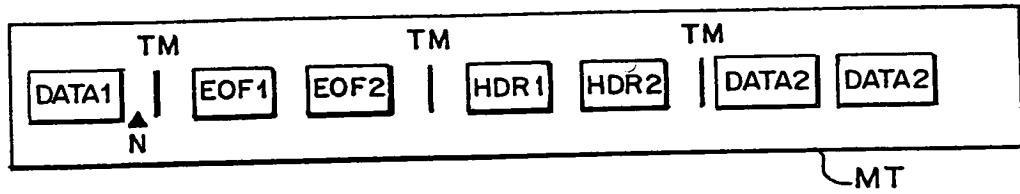


FIG. 142(B)

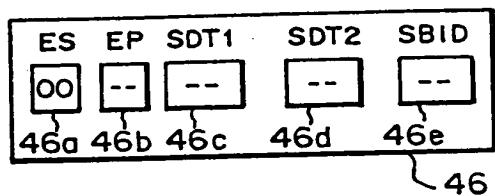


FIG. 143(A)

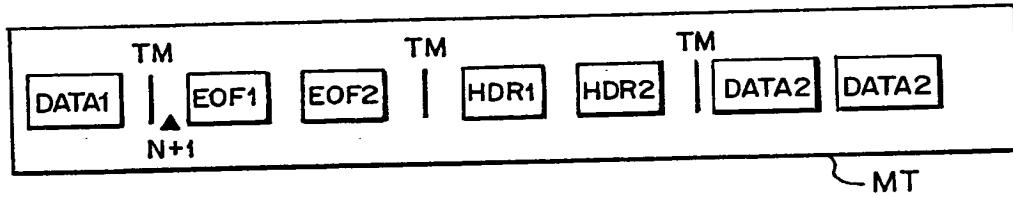


FIG. 143(B)

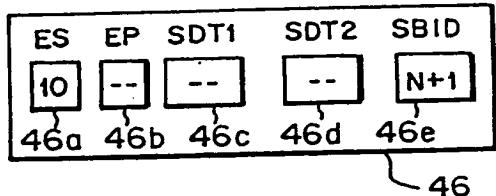


FIG.144(A)

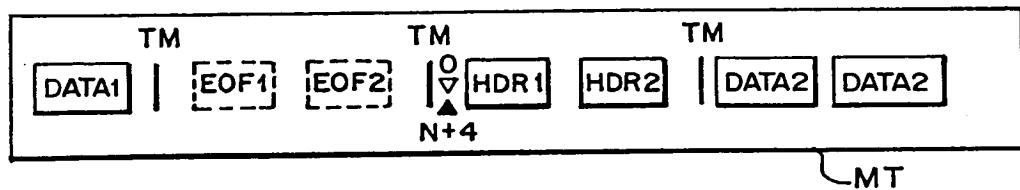


FIG. 144(B)

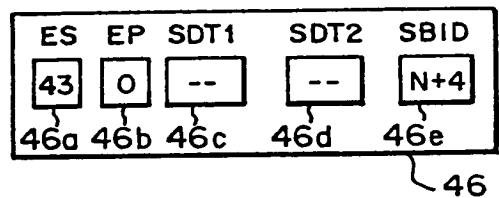


FIG. 145(A)

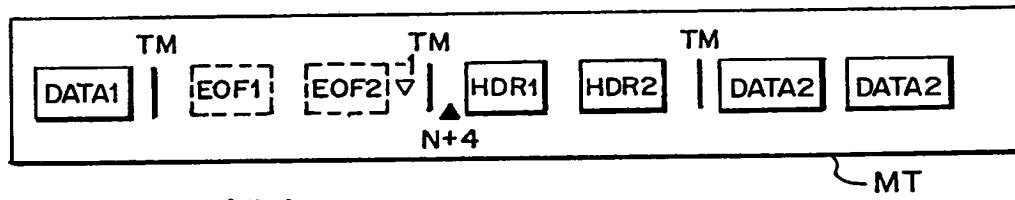


FIG.145(B)

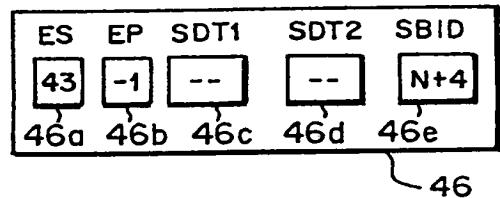


FIG. 146(A)

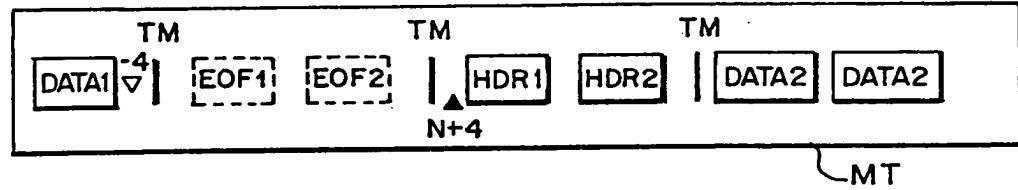


FIG. 146(B)

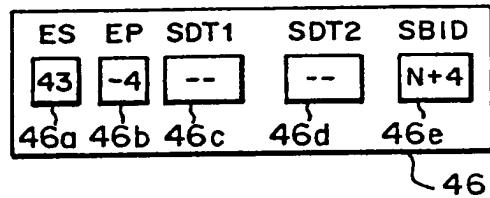


FIG. 147(A)

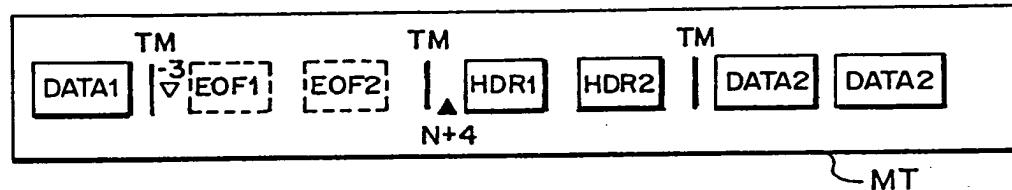


FIG. 147(B)

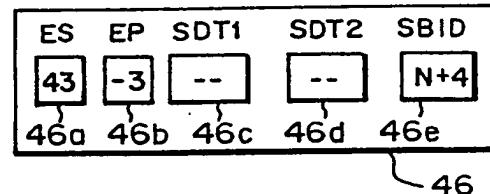


FIG. 148(A)

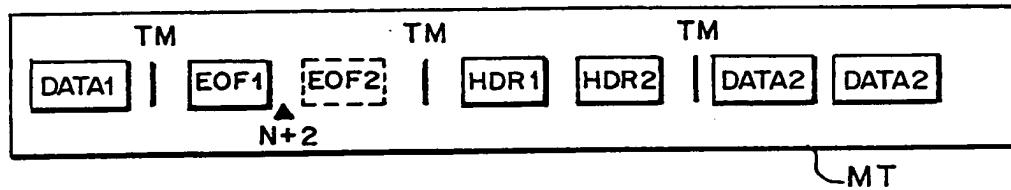


FIG. 148(B)

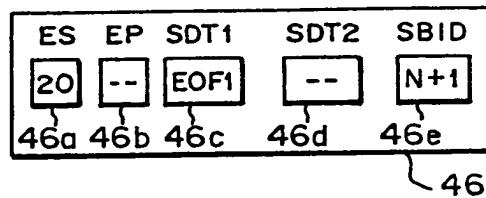


FIG. 149(A)

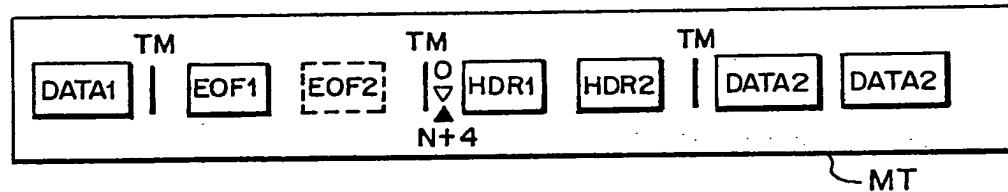


FIG. 149(B)

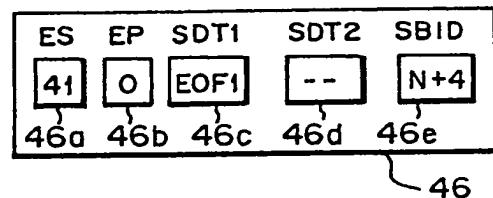


FIG. 150(A)

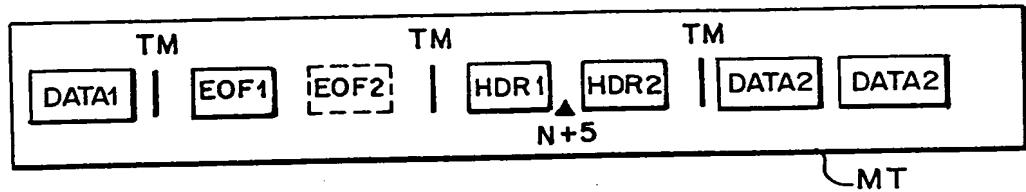


FIG. 150(B)

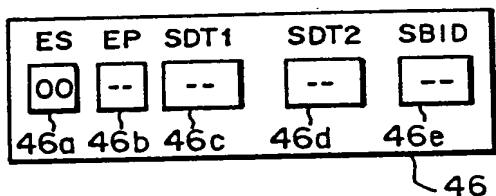


FIG. 151(A)

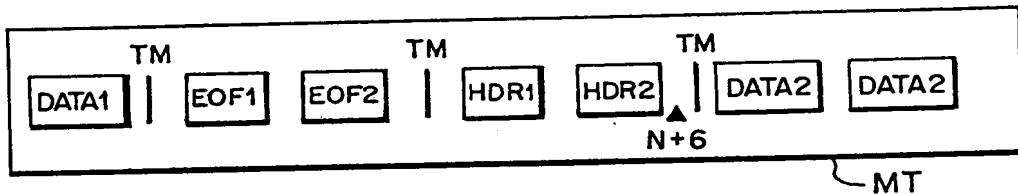


FIG. 151(B)

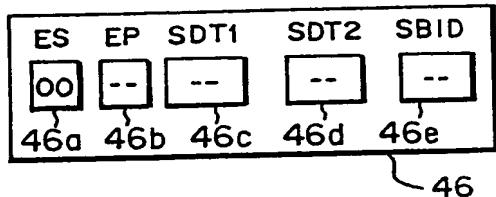


FIG.152(A)

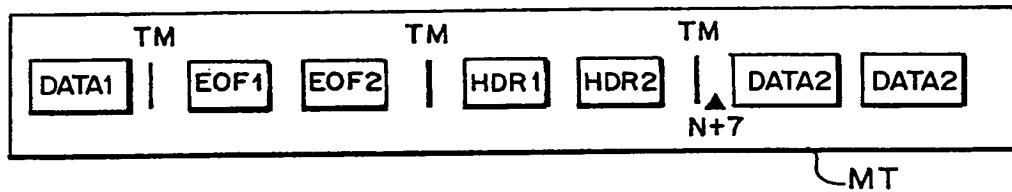


FIG.152(B)

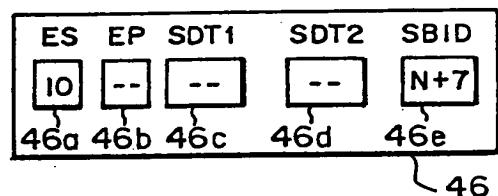


FIG.153(A)

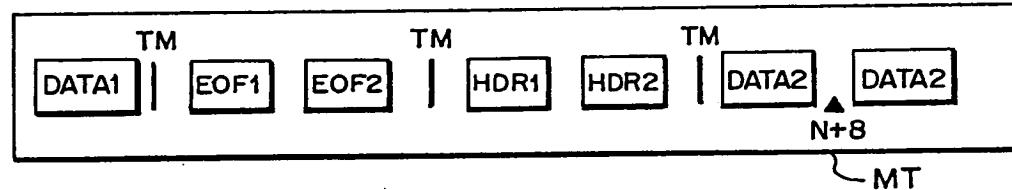


FIG.153(B)

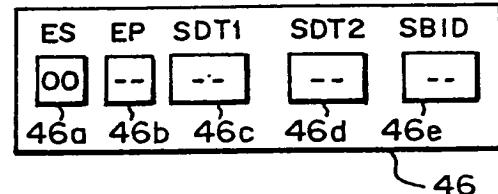


FIG. 154(A)

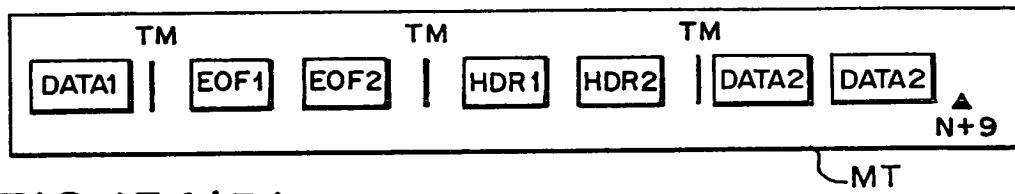
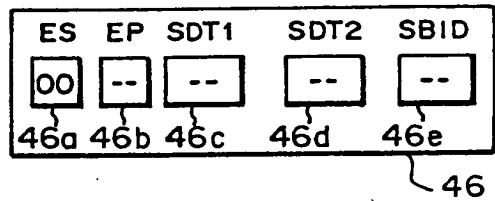


FIG. 154(B)



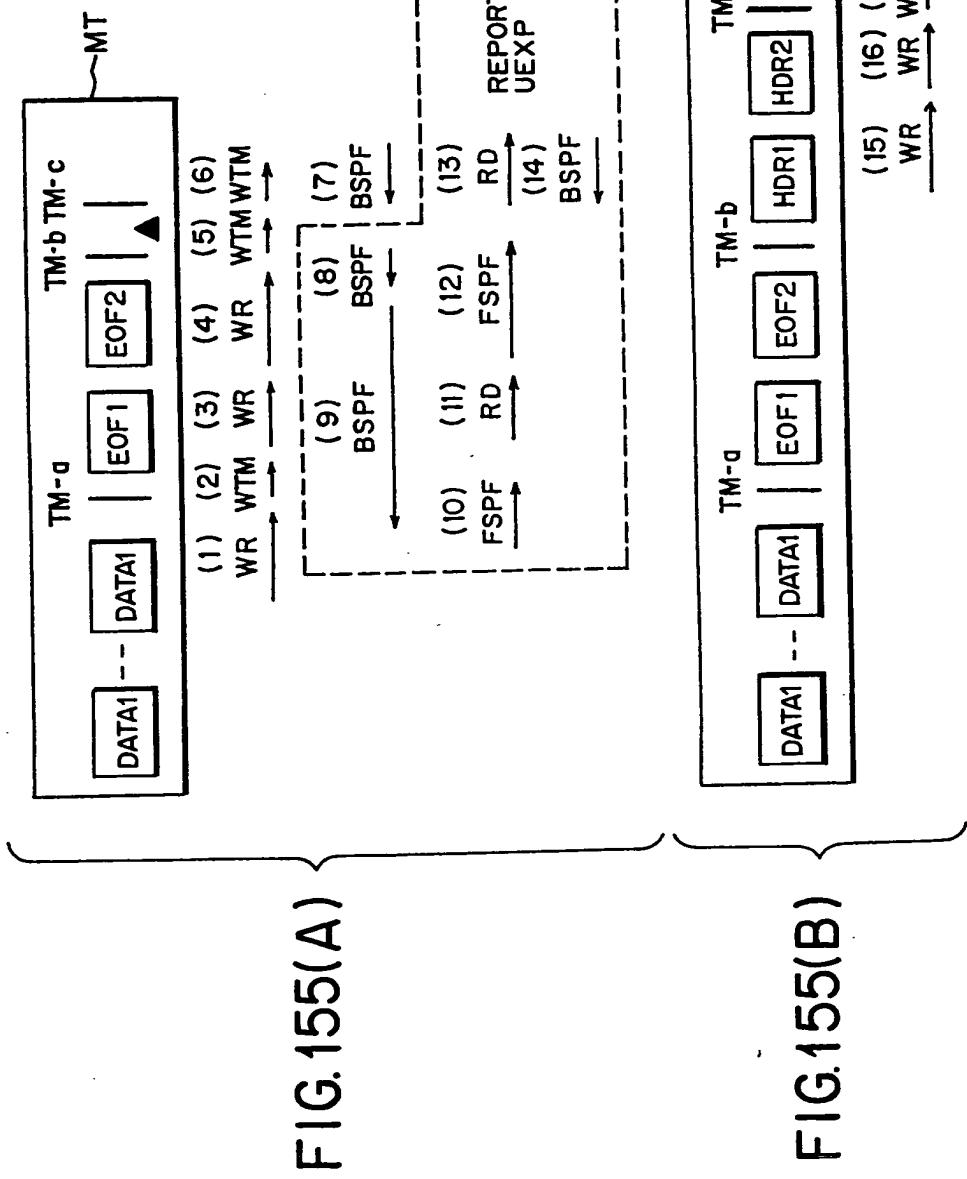


FIG. 156

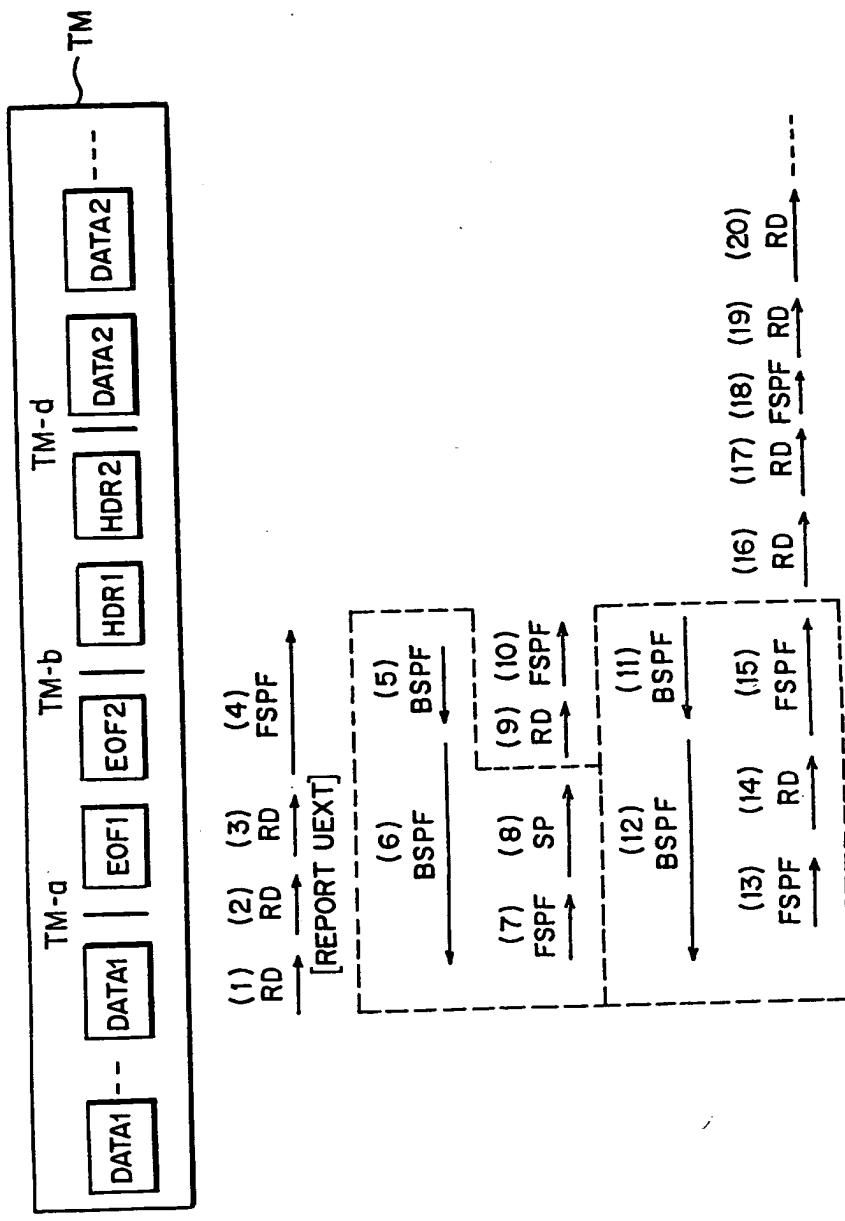


FIG.157(A)

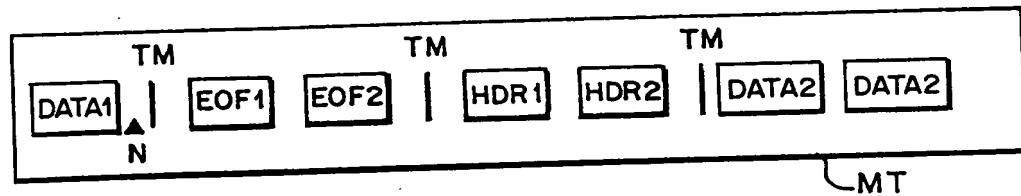


FIG.157(B)

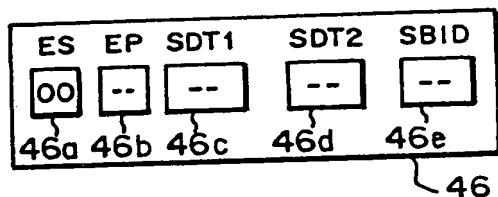


FIG.158(A)

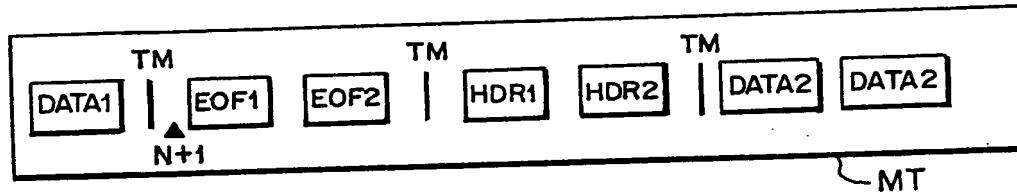


FIG.158(B)

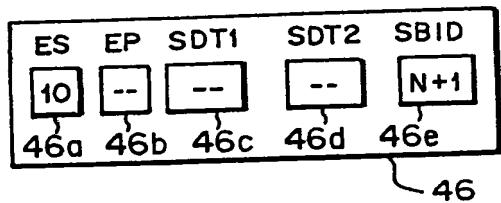


FIG.159(A)

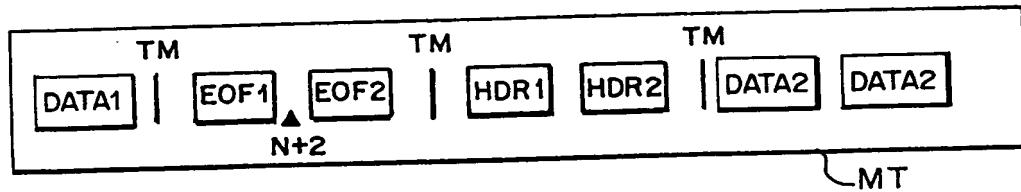


FIG.159(B)

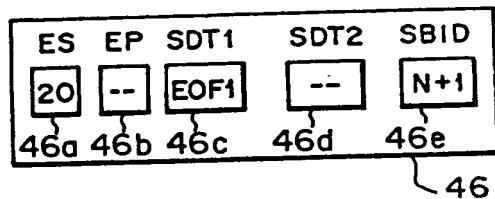


FIG.160(A)

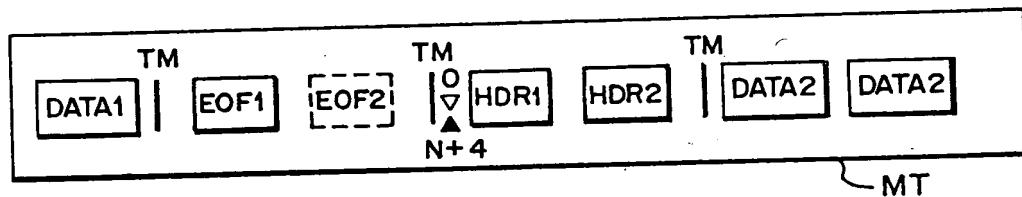


FIG.160(B)

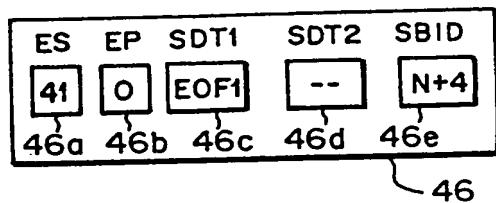


FIG. 161(A)

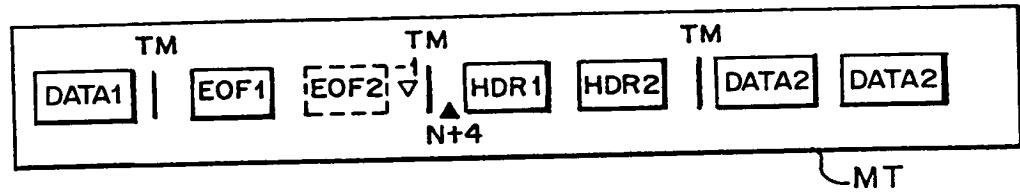


FIG. 161(B)

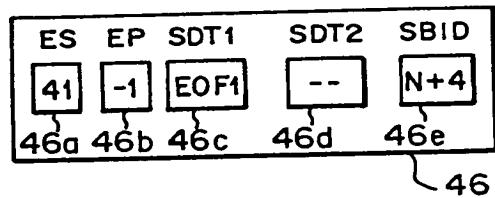


FIG. 162(A)

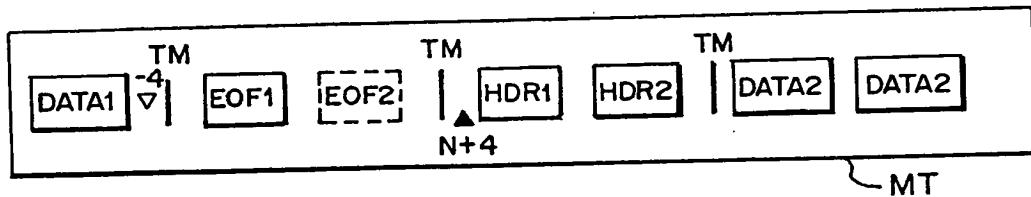


FIG. 162(B)

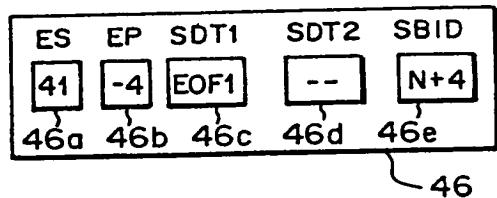


FIG. 163(A)

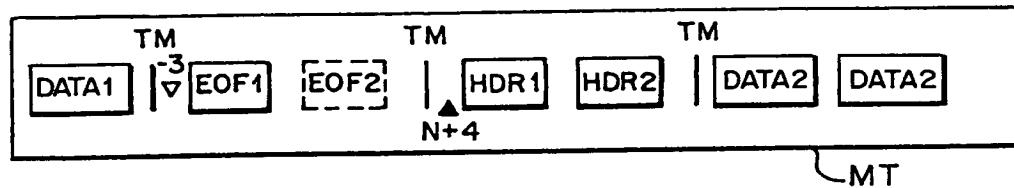


FIG. 163(B)

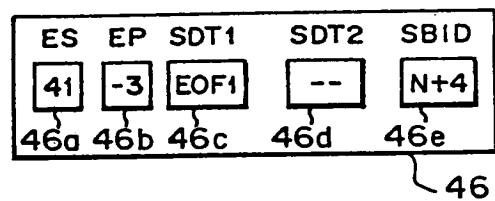


FIG. 164(A)

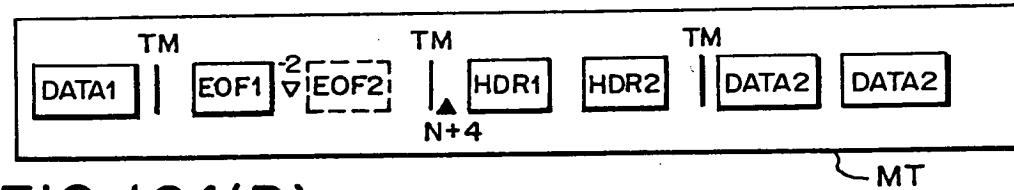


FIG. 164(B)

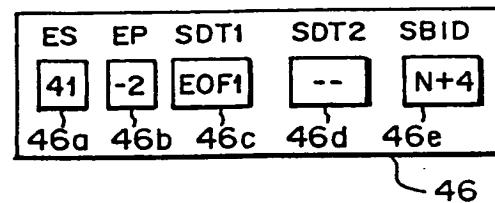


FIG. 165(A)

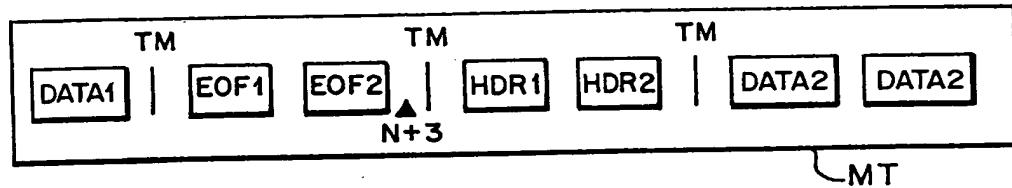


FIG. 165(B)

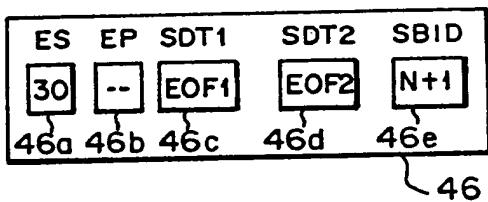


FIG. 166(A)

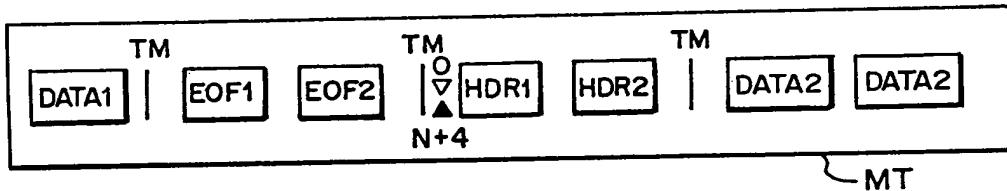


FIG. 166(B)

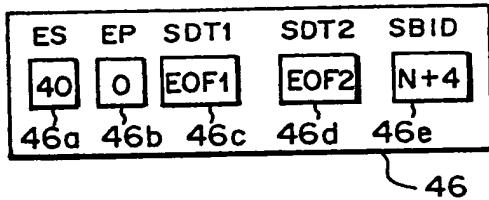


FIG. 167(A)

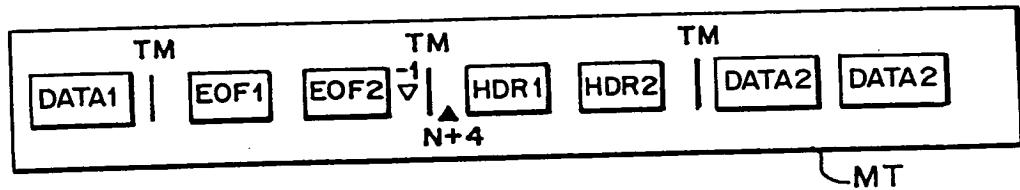


FIG. 167(B)

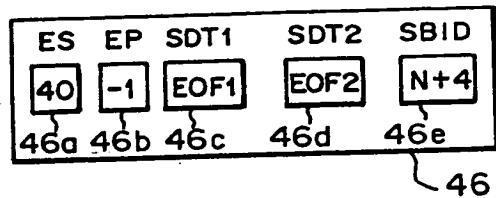


FIG. 168(A)

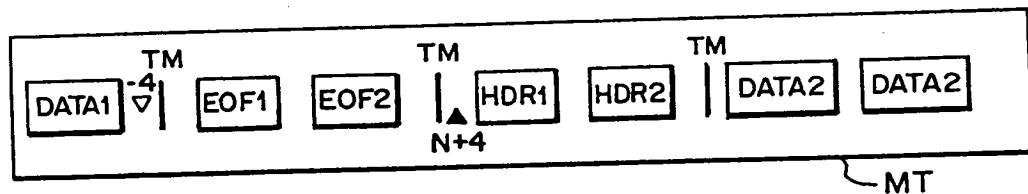


FIG. 168(B)

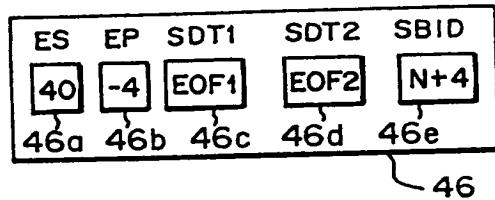


FIG. 169(A)

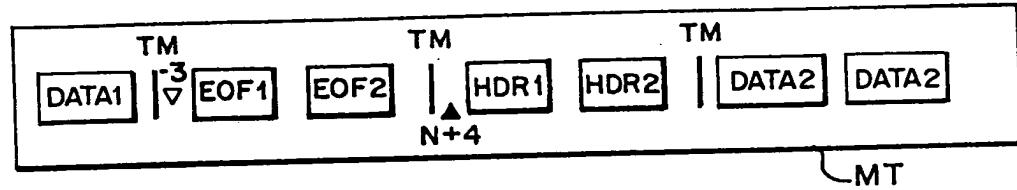


FIG. 169(B)

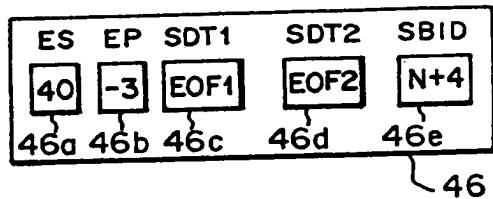


FIG. 170(A)

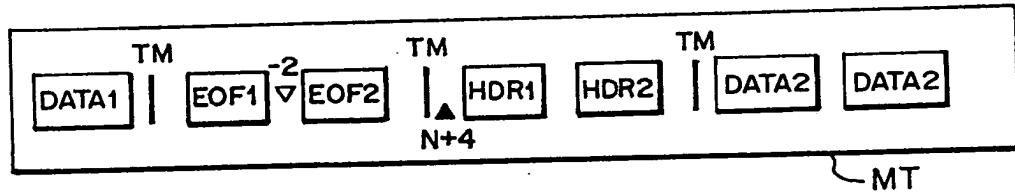


FIG. 170(B)

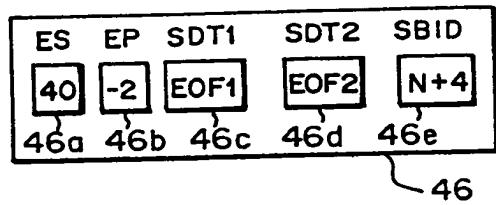


FIG. 171(A)

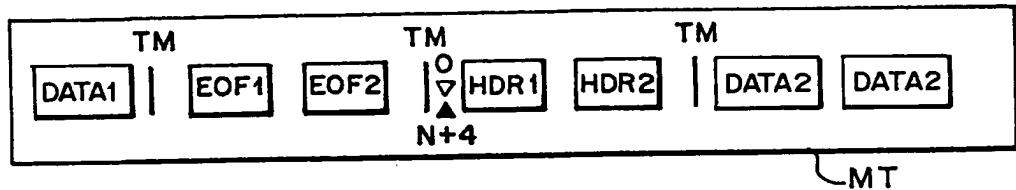


FIG. 171(B)

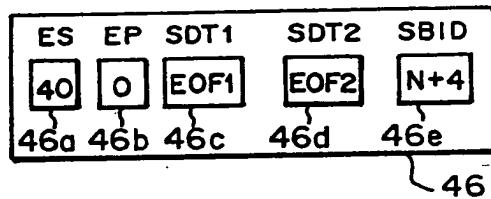


FIG. 172(A)

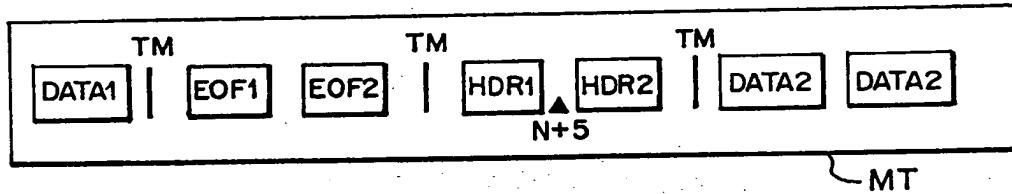


FIG. 172(B)

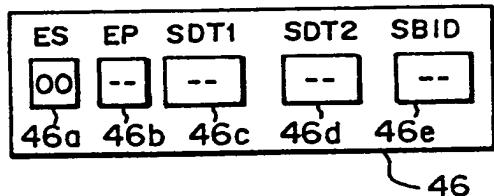


FIG. 173

COMMAND	WITHOUT EMULATION	WITH EMULATION	REMARKS
RD	0. 001561	0. 001561	(1)
FSPF	0. 453726	0. 453726	(2)
FSPF	0. 453545	0. 453545	(3)
NOP	0. 293952	0. 293952	
LDSP	0. 000525	0. 000525	
LDSP	0. 000456	0. 000456	
LDSP	0. 000492	0. 000492	
NOP	0. 000498	0. 000498	
SN10	0. 002933	0. 002933	
RDVC	0. 000591	0. 000591	
NOP	0. 000495	0. 000495	
SNS	0. 002706	0. 002706	
LDSP	0. 000425	0. 000425	
BSPF	0. 000581	0. 000500	(4)
BSPF	0. 457145	0. 000500	(5)
FSPF	0. 290540	0. 000500	(6)
RD	0. 531764	0. 531764	(7)
FSPF	1. 409729	1. 409729	(8)
RD	0. 369065	0. 369065	(9)
RD	0. 003179	0. 003179	(10)
FSPF	0. 657888	0. 657888	(11)
NOP	0. 454188	0. 454188	
RD	0. 127053	0. 127053	(12)
RD	0. 001793	0. 001793	(13)
TOTAL	5. 514830	4. 768064	SECOND

FIG.174

COMMAND	WITHOUT EMULATION	WITH EMULATION	REMARKS
RD	0. 001500	0. 001500	(1)
RD	0. 581100	0. 581100	(2)
RD	0. 531700	0. 531700	(3)
FSPF	1. 409700	1. 409700	(4)
BSPF	0. 000500	0. 000500	(5)
BSPF	0. 457100	0. 000500	(6)
FSPF	0. 290900	0. 000500	(7)
SP	0. 531400	0. 000500	(8)
RD	0. 531400	0. 531400	(9)
FSPF	0. 141400	0. 141400	(10)
LDSP	0. 000500	0. 000500	
LDSP	0. 000500	0. 000500	
NOP	0. 000500	0. 000500	
LDSP	0. 000500	0. 000500	
BSPF	0. 000500	0. 000500	(11)
BSPF	0. 457100	0. 000500	(12)
FSPF	0. 290500	0. 000500	(13)
RD	0. 531700	0. 000500	(14)
FSPF	1. 409700	0. 000500	(15)
RD	0. 369000	0. 369000	(16)
RD	0. 003100	0. 003100	(17)
LDSP	0. 000500	0. 000500	
FSPF	0. 657800	0. 657800	(18)
NOP	0. 454100	0. 454100	
LDSP	0. 000500	0. 000500	
RD	0. 127000	0. 127000	(19)
RD	0. 001700	0. 001700	(20)
TOTAL	8. 781900	4. 817000	SECOND

FIG. 175
RELATED ART

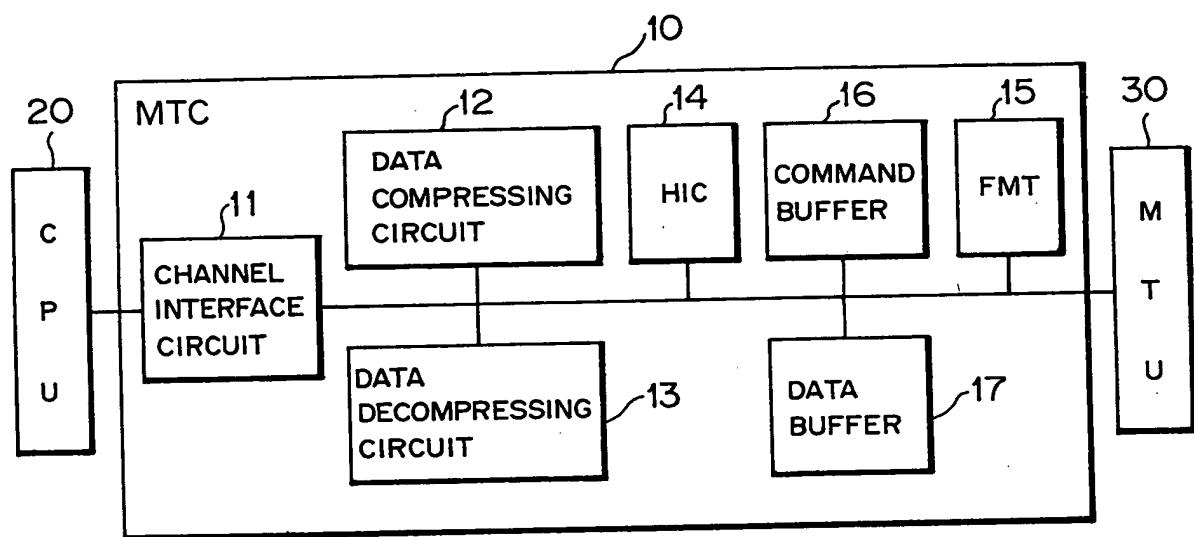


FIG. 176

RELATED ART

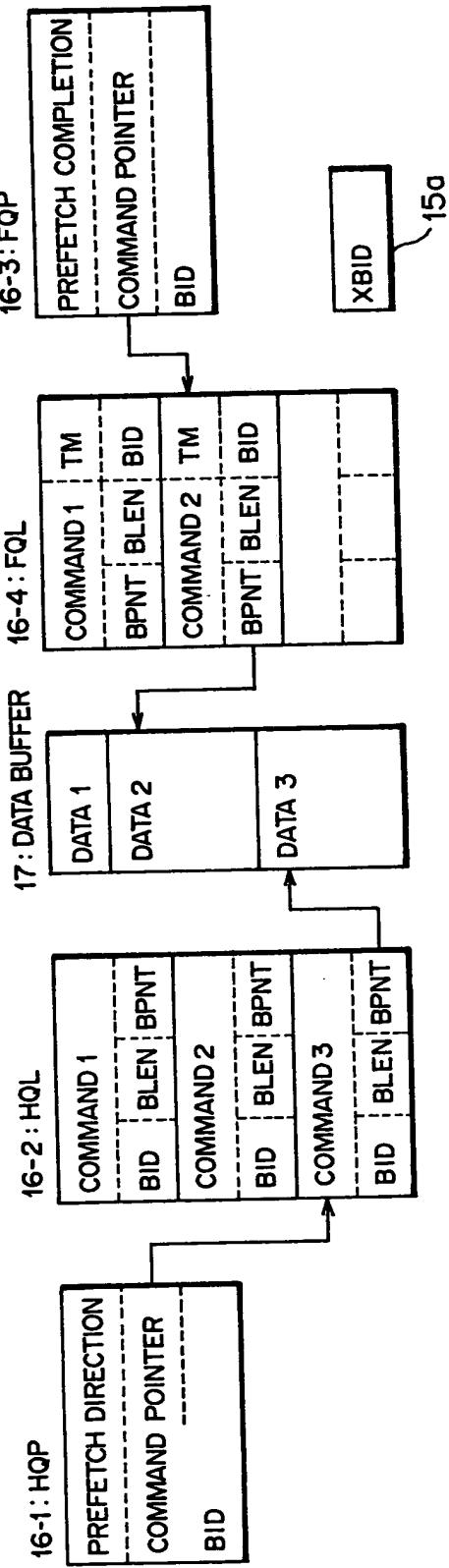


FIG. 177
RELATED ART

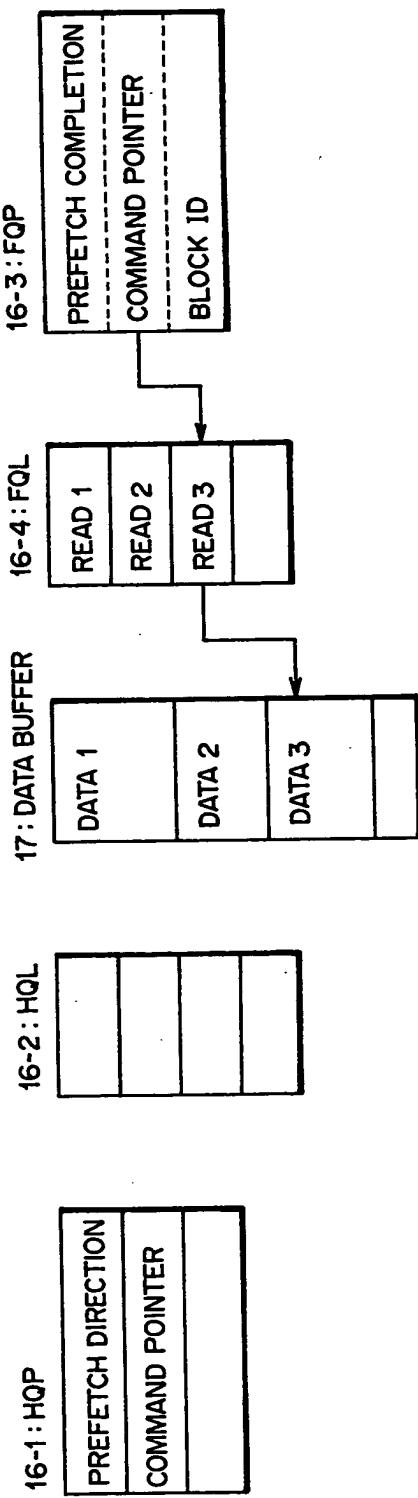


FIG. 178
RELATED ART

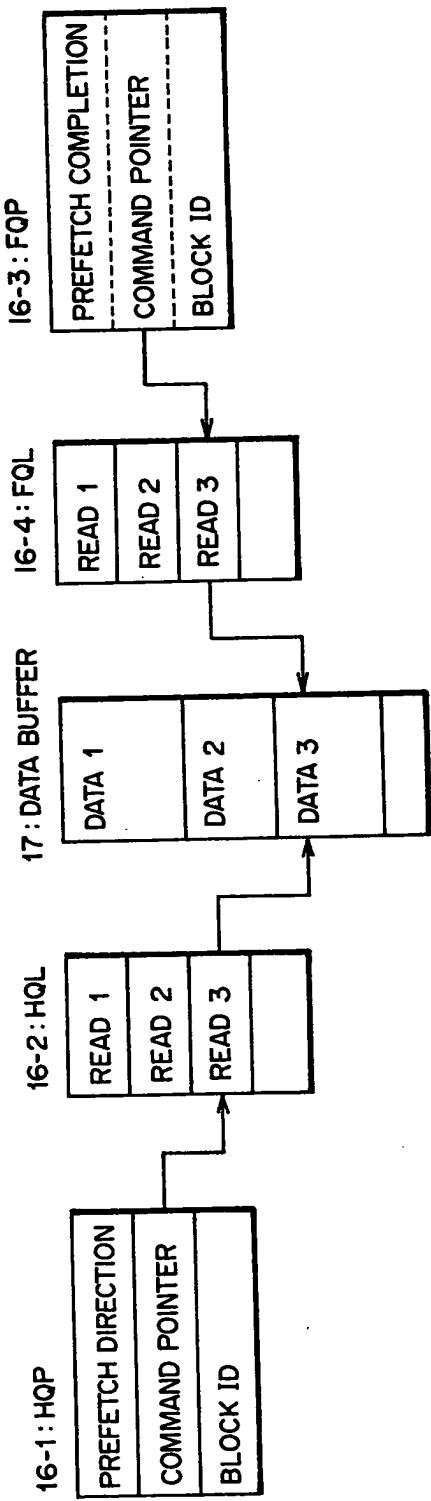


FIG. 179

RELATED ART

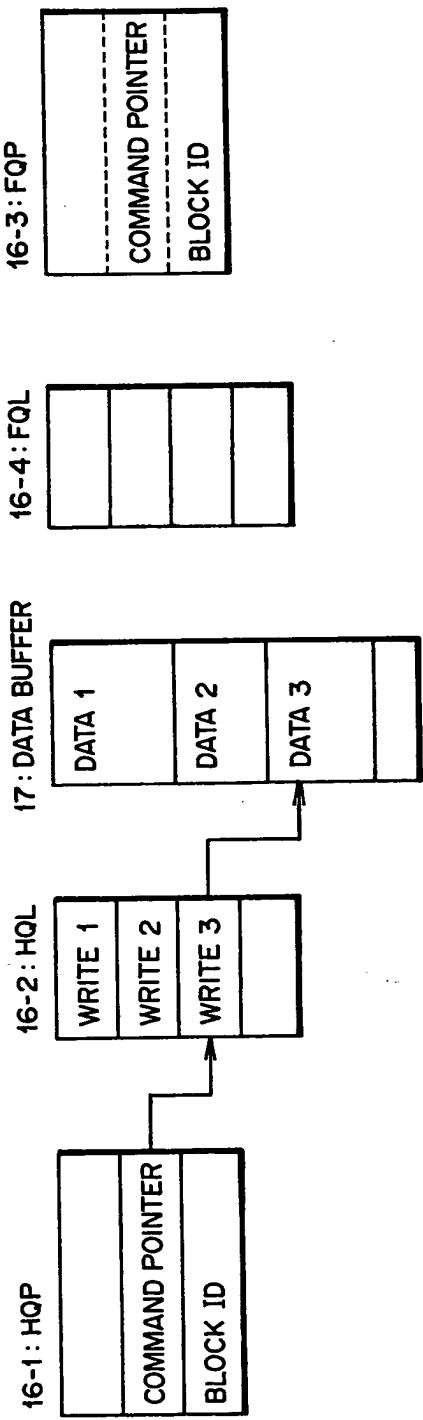


FIG. 180 RELATED ART

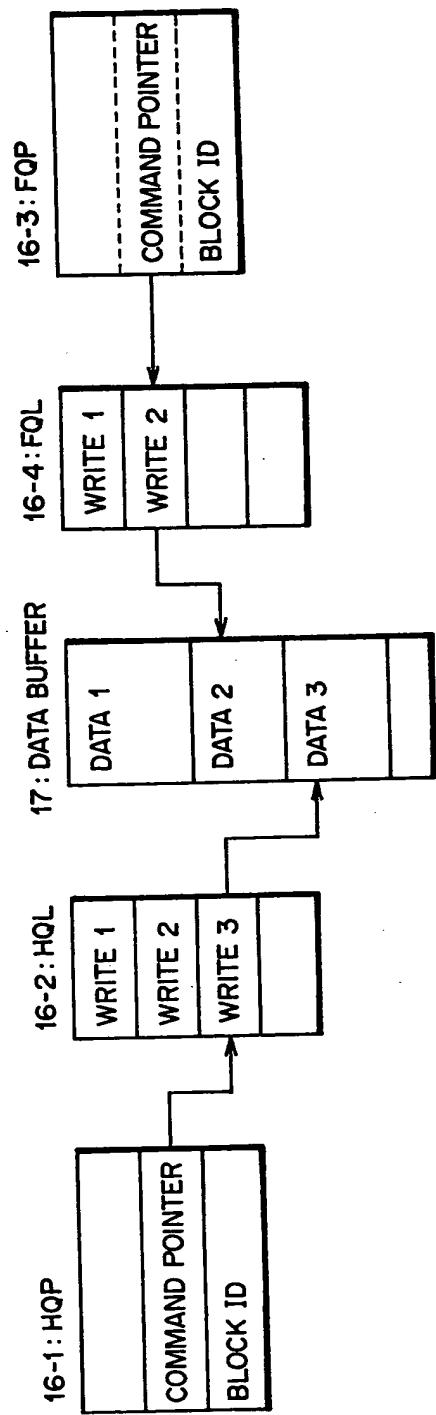


FIG. 181

RELATED ART

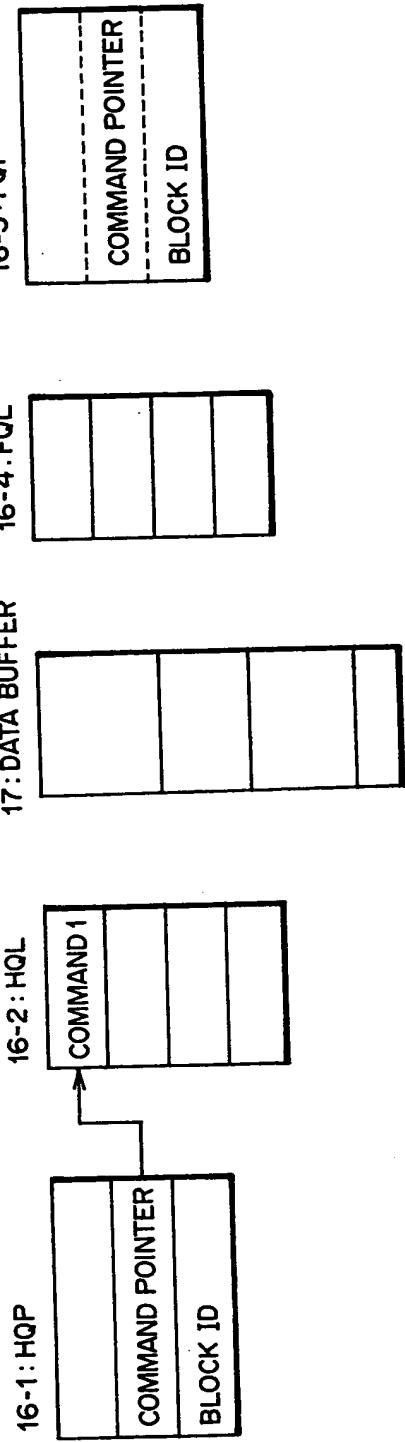


FIG. 182
RELATED ART

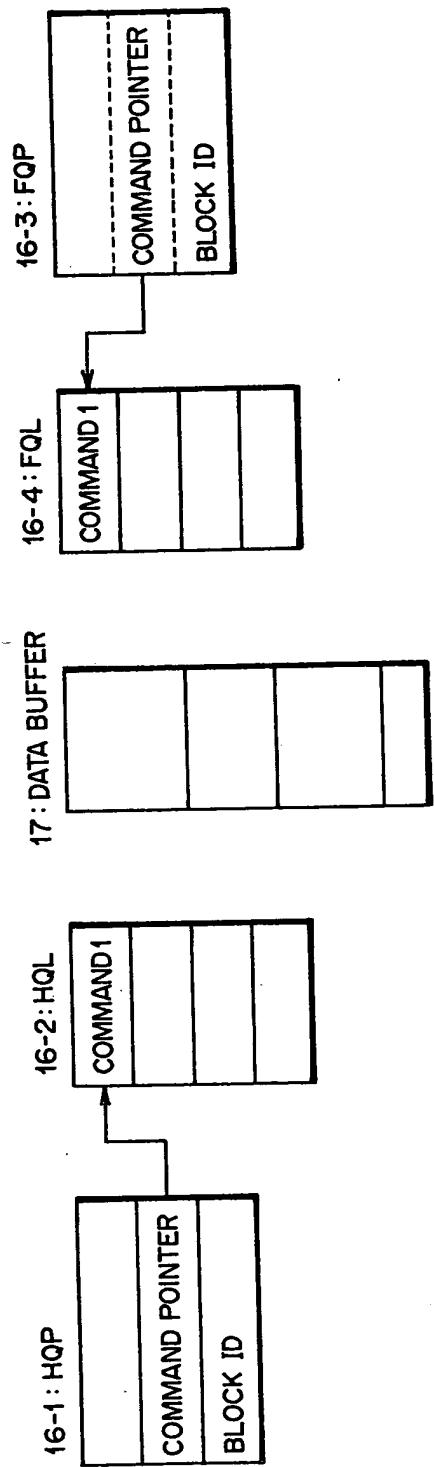


FIG.183
RELATED ART

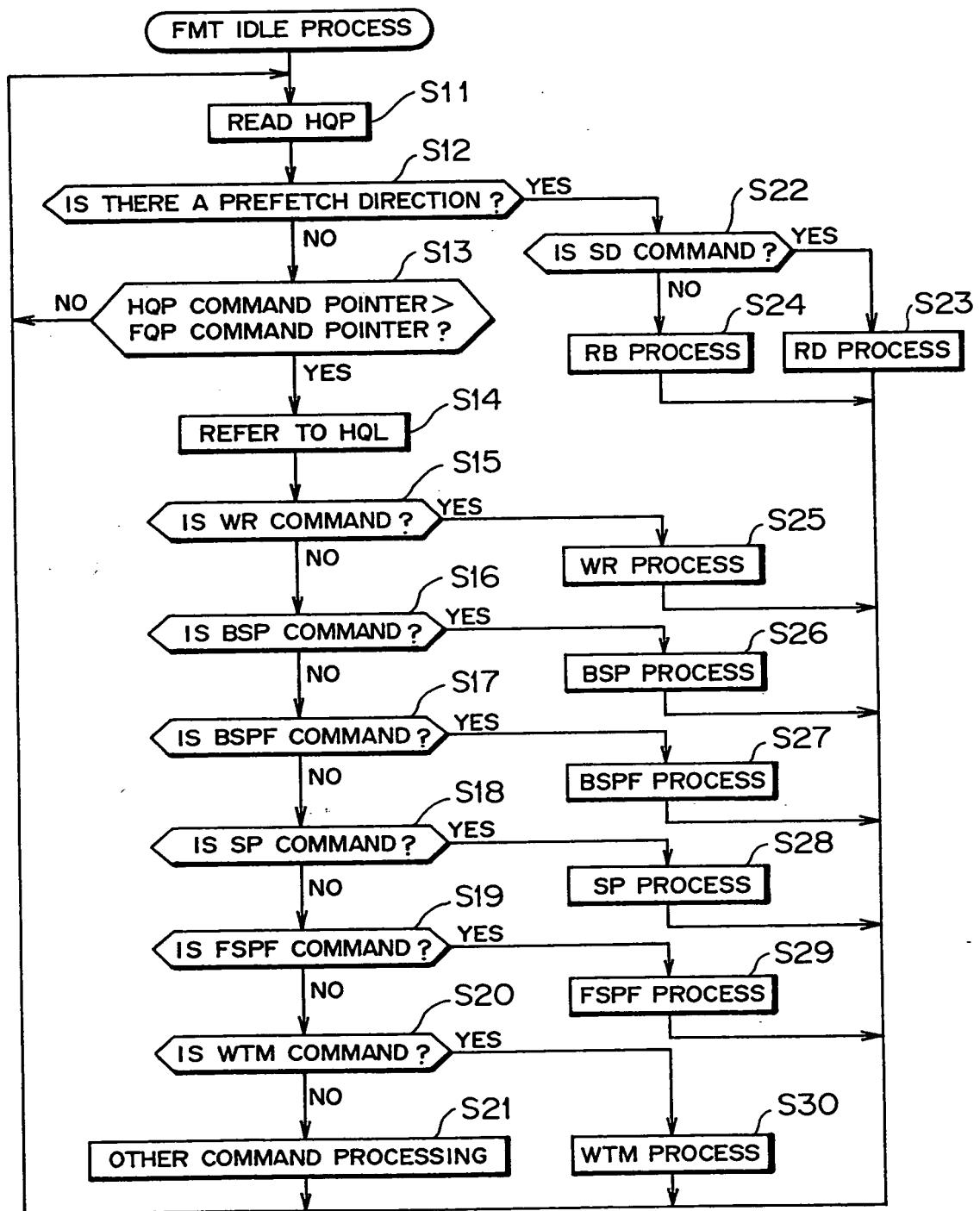


FIG. 184
RELATED ART

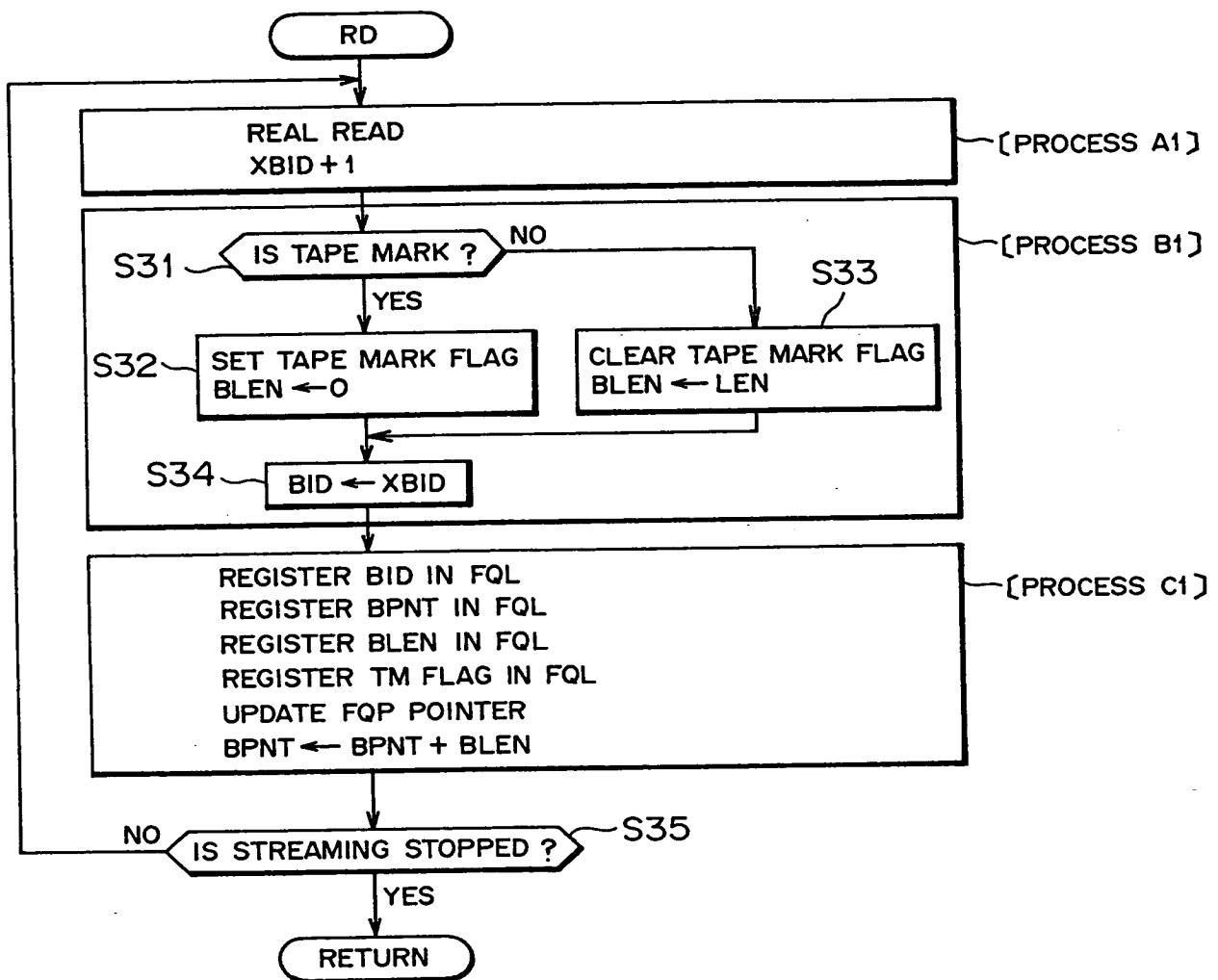


FIG. 185
RELATED ART

PROCESS A1		PROCESS B1				PROCESS C1
OPERATION	UPDATE XBID	CONDITIONS	TM FLAG	BLEN	BID	
REAL READ	$XBID + 1$	TM	1	0	$XBID$	REGISTER BID IN FQL REGISTER BPNT IN FQL REGISTER BLEN IN FQL REGISTER TM FLAG IN FQL UPDATE FQP POINTER $BPNT \leftarrow BPNT + BLEN$
		OTHERS	0	LEN		

FIG. 186
RELATED ART

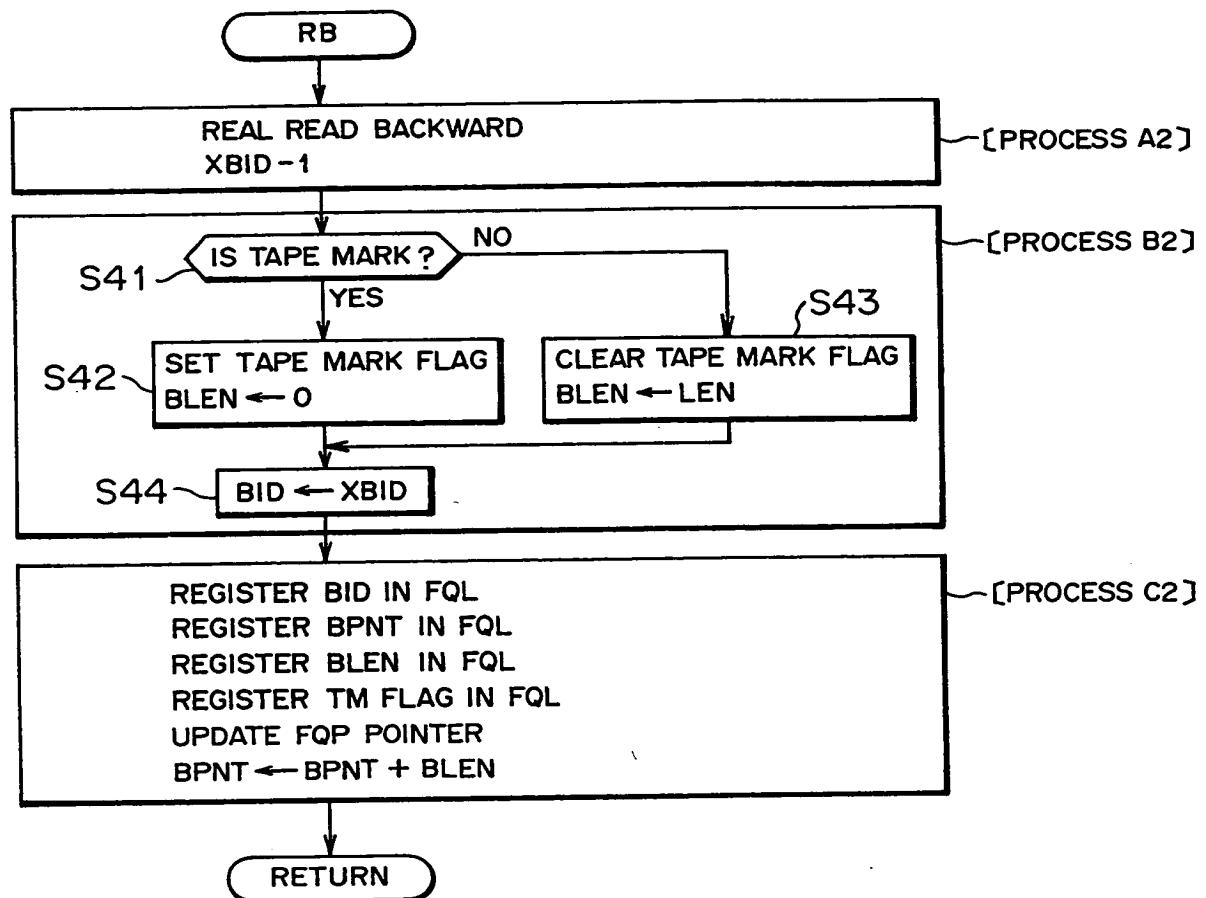


FIG. 187
RELATED ART

PROCESS A2		PROCESS B2				PROCESS C2
OPERATION	UPDATE XBID	CONDITIONS	TM FLAG	BLEN	BID	
REAL READ BACKWARD	XBID - 1	TM	1	0	XBID	REGISTER BID IN FQL REGISTER BPNT IN FQL REGISTER BLEN IN FQL REGISTER TM FLAG IN FQL UPDATE FQP POINTER BPNT \leftarrow BPNT + BLEN
		OTHERS	0	LEN		

FIG. 188
RELATED ART

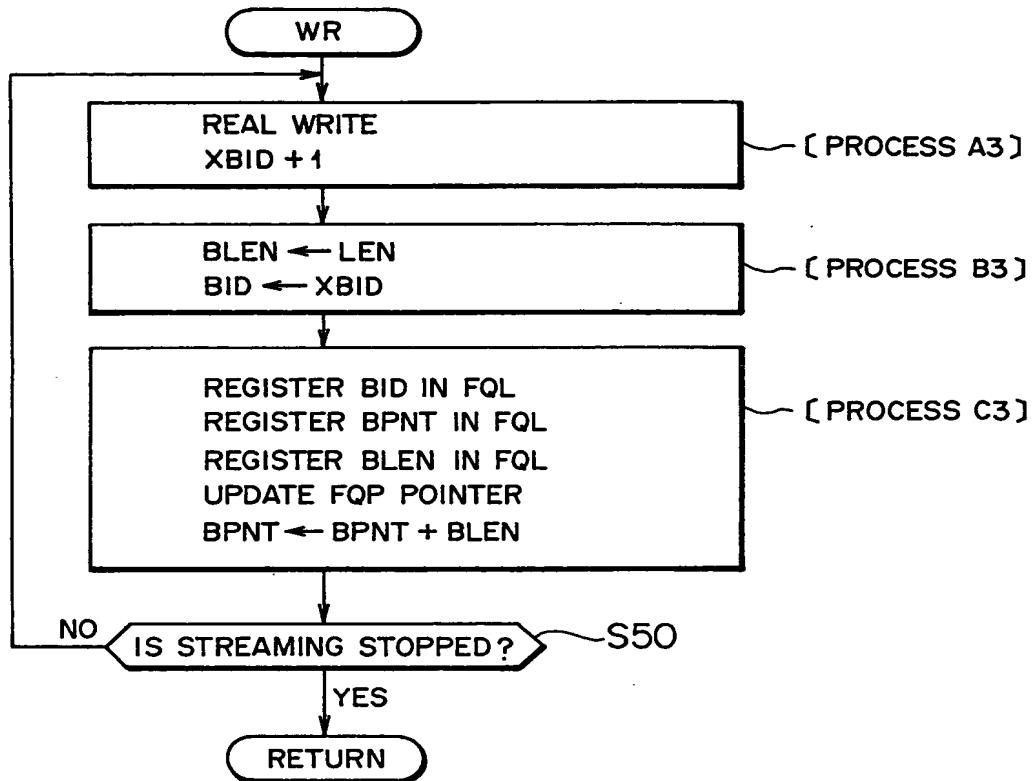


FIG. 189
RELATED ART

PROCESS A3		PROCESS B3				PROCESS C3
OPERATION	UPDATE XBID	CONDITIONS	TM FLAG	BLEN	BID	
REAL WRITE	XBID + 1	--	--	LEN	XBID	REGISTER BID IN FQL REGISTER BPNT IN FQL REGISTER BLEN IN FQL UPDATE FQP POINTER BPNT ← BPNT + BLEN

FIG. 190
RELATED ART

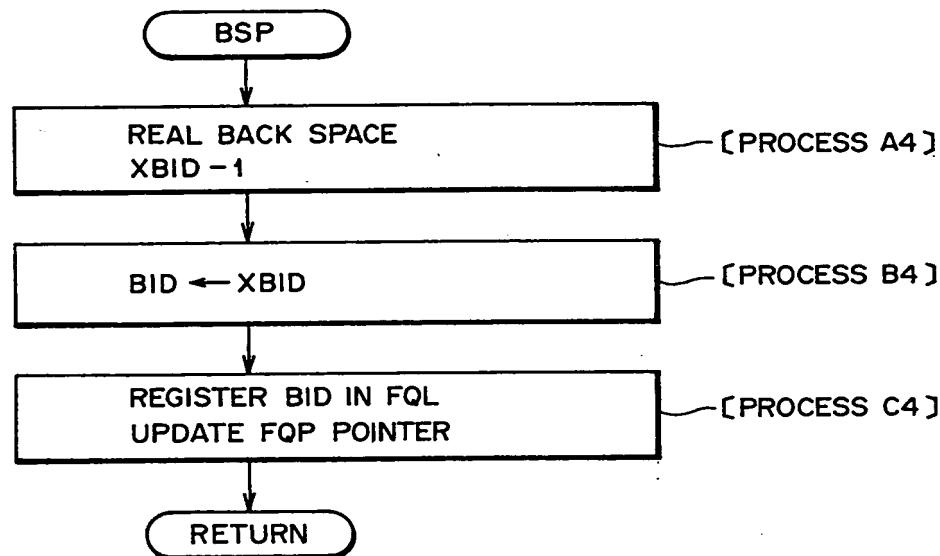


FIG. 191
RELATED ART

PROCESS A4		PROCESS B4				PROCESS C4
OPERATION	UPDATE XBID	CONDITIONS	TM FLAG	BLEN	BID	
REAL BACK SPACE	XBID -1	--	--	--	XBID	REGISTER BID IN FQL UPDATE FQP POINTER

FIG. 192
RELATED ART

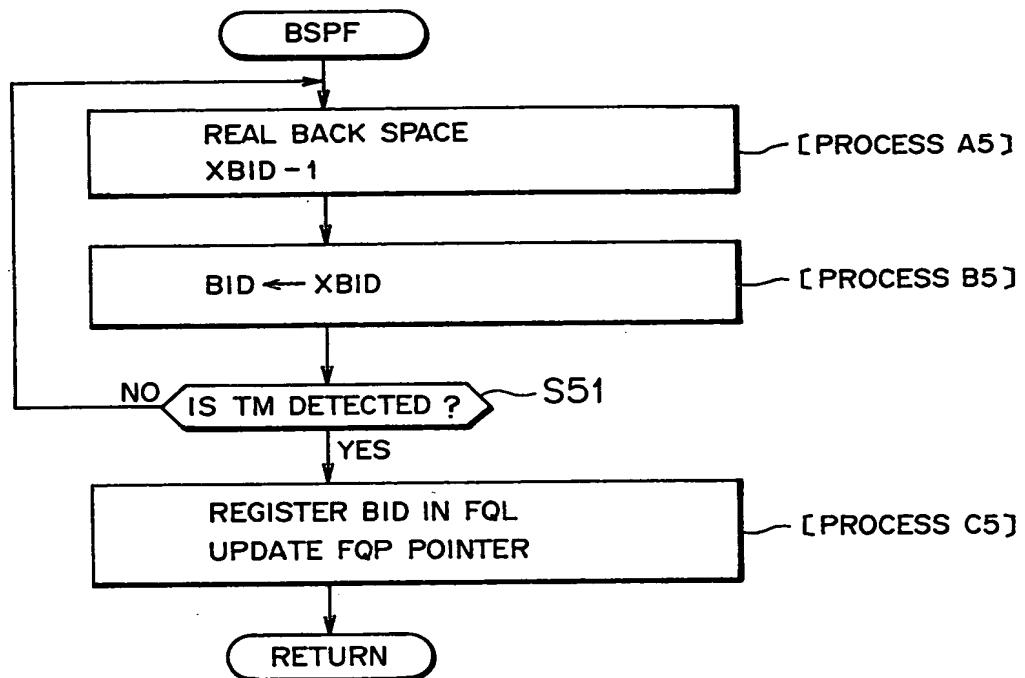


FIG. 193
RELATED ART

PROCESS A5		PROCESS B5				PROCESS C5
OPERATION	UPDATE XBID	CONDITIONS	TM FLAG	BLEN	BID	
REAL BACK SPACE	XBID - 1	--	--	--	XBID	REGISTER BID IN FQL UPDATE FQP POINTER

FIG. 194
RELATED ART

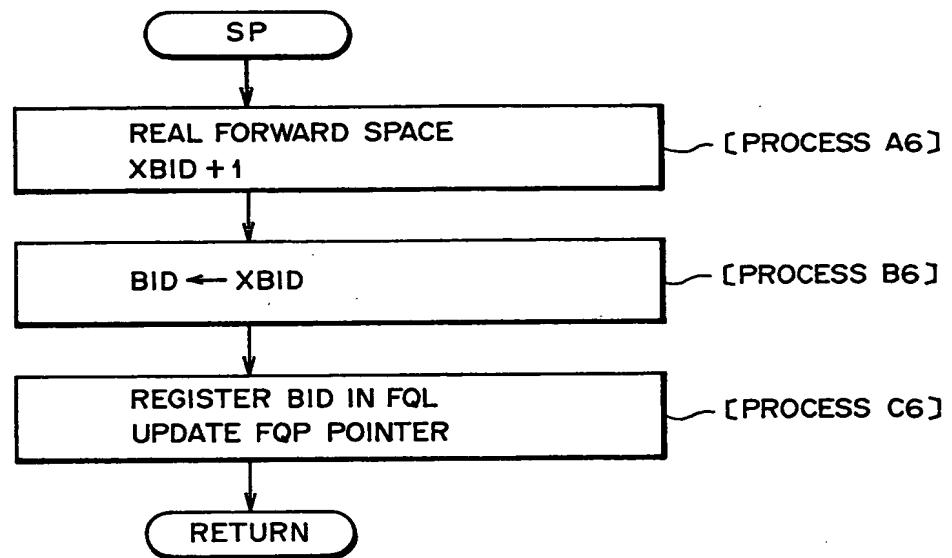


FIG. 195
RELATED ART

PROCESS A6		PROCESS B6				PROCESS C6
OPERATION	UPDATE XBID	CONDITIONS	TM FLAG	BLEN	BID	
REAL FORWARD SPACE	XBID+1	--	--	--	XBID	REGISTER BID IN FQL UPDATE FQP POINTER

FIG. 196
RELATED ART

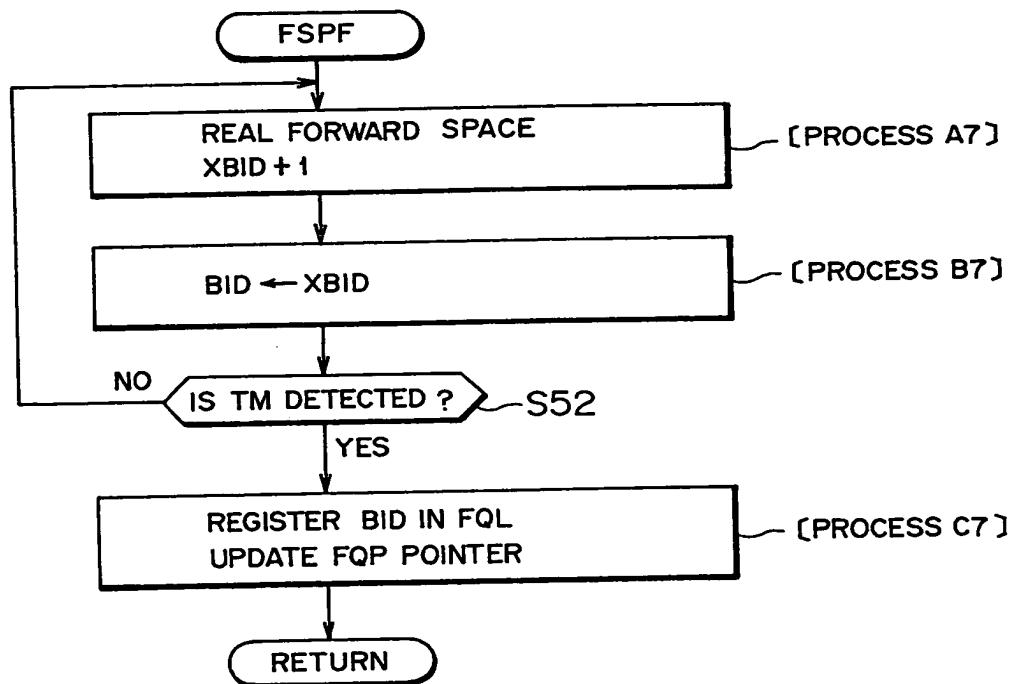


FIG. 197
RELATED ART

PROCESS A7		PROCESS B7				PROCESS C7
OPERATION	UPDATE XBID	CONDITIONS	TM FLAG	BLEN	BID	
REAL FORWARD SPACE	XBID + 1	--	--	--	XBID	REGISTER BID IN FQL UPDATE FQP POINTER

FIG. 198
RELATED ART

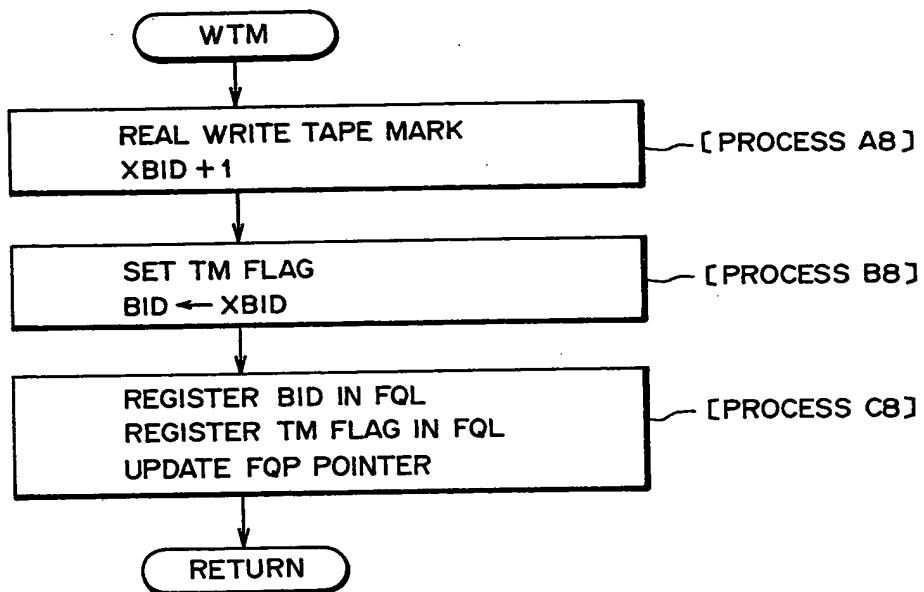


FIG. 199
RELATED ART

PROCESS A8		PROCESS B8				PROCESS C8
OPERATION	UPDATE XBID	CONDITIONS	TM FLAG	BLEN	BID	
REAL WRITE TAPE MARK	XBID + 1	--	1	--	XBID	REGISTER BID IN FQL REGISTER TM FLAG IN FQL UPDATE FQP POINTER

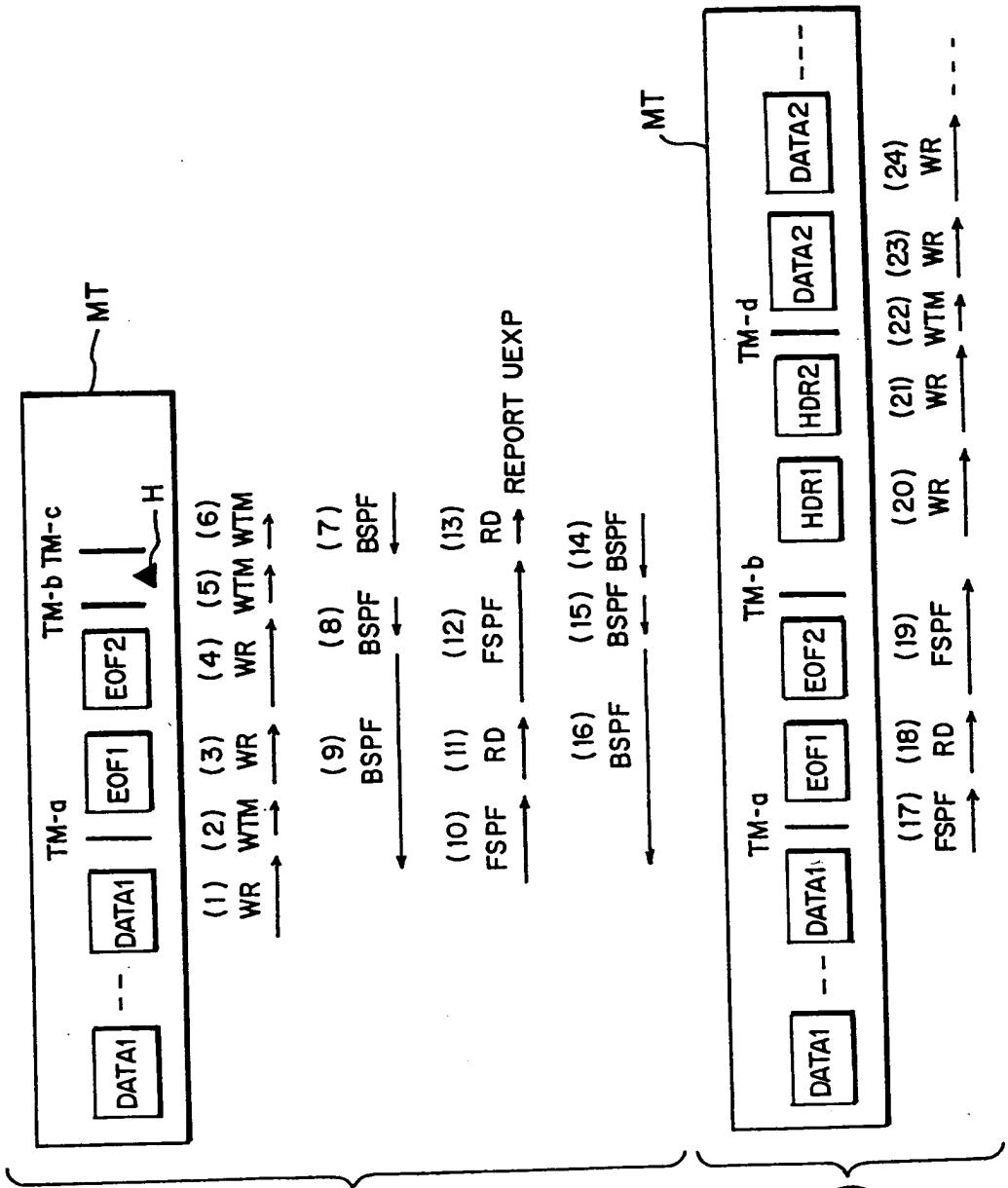


FIG. 200(A)
RELATED ART

FIG. 200(B)
RELATED ART

FIG. 201
RELATED ART

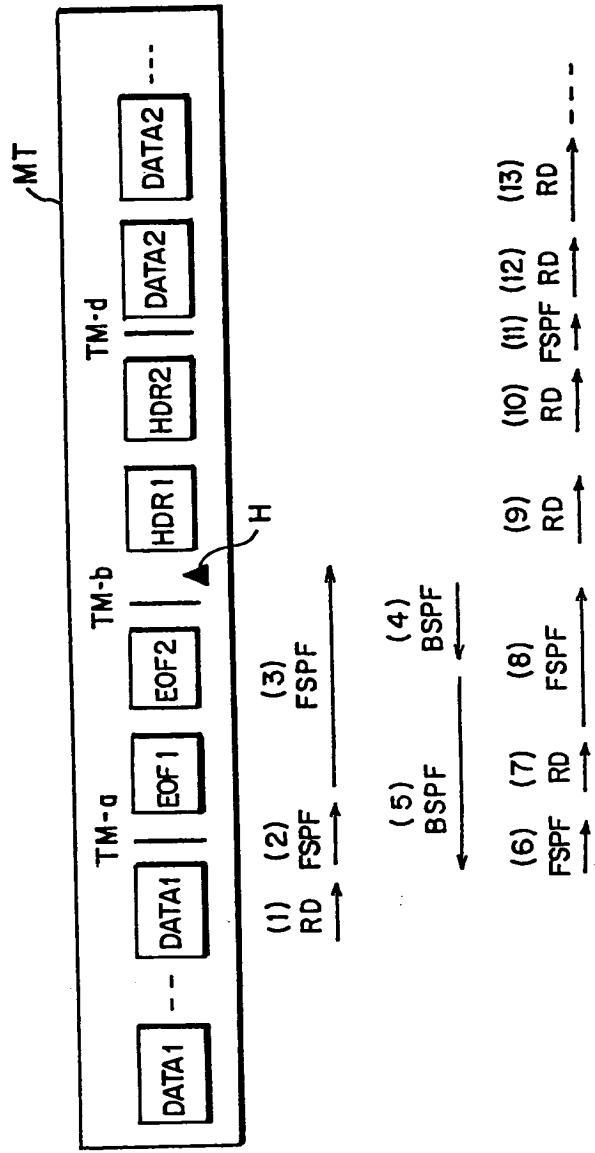


FIG. 202(A)



FIG. 202(B)

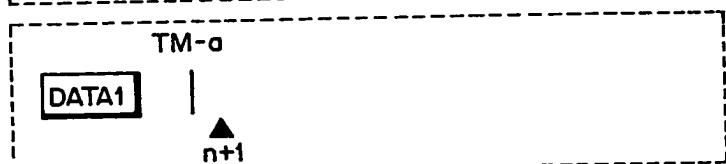


FIG. 202(C)

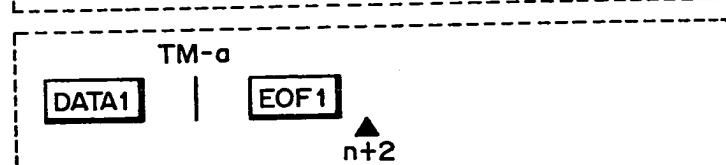


FIG. 202(D)

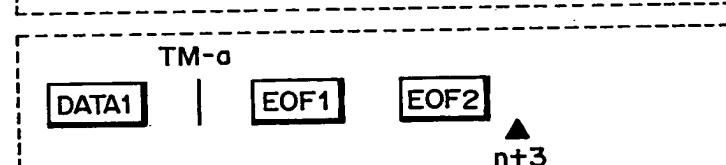


FIG. 202(E)

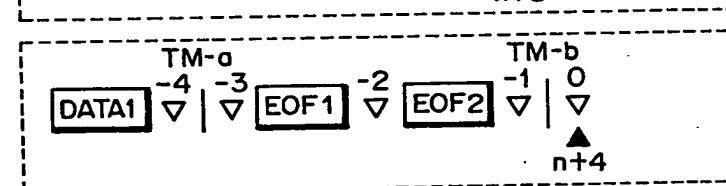


FIG. 202(F)

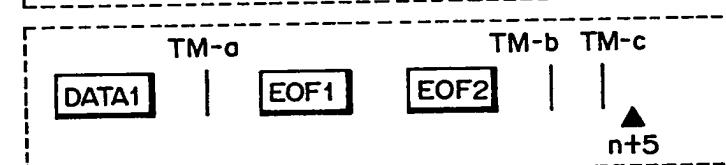


FIG. 202(G)

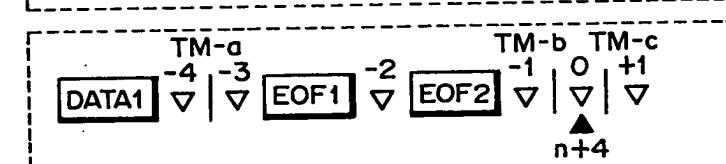


FIG. 202(H)

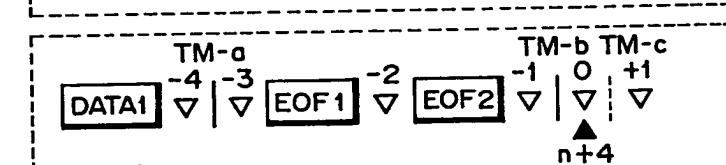


FIG. 202(I)

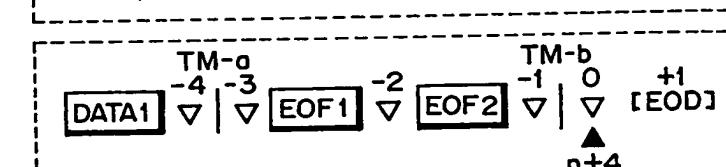


FIG. 203

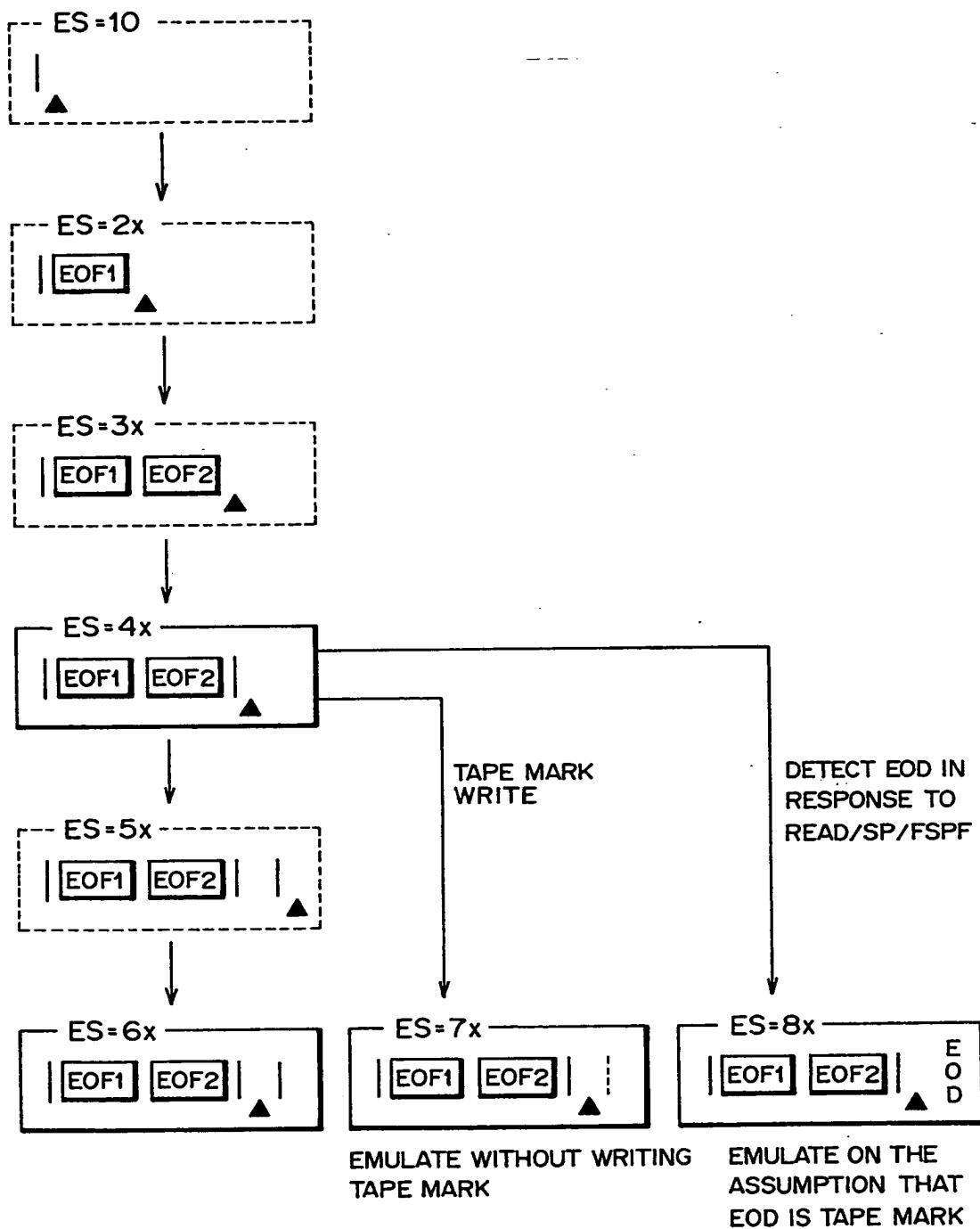


FIG. 204

PRE - PROCESS				OPERATION	POST - PROCESS				PROCESS ID	
ES	EP	RE-POSITION	RESTORE		BLOCK	SAVE	BID PROCESS			
				TM	--	SBID←REAL BID		ES	EP	
00	--	--	--	REAL READ	OTHERS	--	SBID←REAL BID		00	--
					TM	--	SBID←REAL BID		00	--
10	--	--	--	REAL READ	EOF	SDT1	SBID←REAL BID		20	--
					OTHERS	--	SBID←REAL BID		10	--
					TM	--	SBID←REAL BID		00	--
20	--	--	--	REAL READ	EOF	SDT2	SBID←REAL BID		30	--
					OTHERS	--	SBID←REAL BID		10	--
					TM	--	SBID←REAL BID		00	--
30	--	--	--	REAL READ	OTHERS	--	SBID←REAL BID WHEN (REAL BID)-(SBID)=3		40	0
					TM	--	SBID←REAL BID WHEN (REAL BID)-(SBID)=3		00	--
40	--	--	--	EMULATE	EMULATE	--	SBID←REAL BID		40	-3
					EMULATE	--	SBID←REAL BID		40	-2
					EMULATE	--	SBID←REAL BID		40	-1
					EMULATE	--	SBID←REAL BID		40	0
40	--	--	--	REAL READ	EOF	SDT1	SBID←REAL BID		20	--
					TM	--	SBID←REAL BID WHEN (REAL BID)-(SBID)=1		50	--
					OTHERS	--	SBID←REAL BID WHEN (REAL BID)-(SBID)=1		00	--
					EOD	--	SBID←REAL BID WHEN (REAL BID)-(SBID)=1		80	+1
					EOF	SDT1	SBID←REAL BID		20	--
50	--	--	--	REAL READ	TM	--	SBID←REAL BID		10	--
					OTHERS	--	SBID←REAL BID		00	--
					EOF	SDT1	SBID←REAL BID		20	--
60	--	--	--	REAL READ	EMULATE	--	SBID←REAL BID		60	-3
					EMULATE	--	SBID←REAL BID		60	-2
					EMULATE	--	SBID←REAL BID		60	-1
					EMULATE	--	SBID←REAL BID		60	0
					EMULATE	--	SBID←REAL BID		60	+1
					EOF	SDT1	SBID+1		20	--
					TM	--	SBID←REAL BID		10	--
					OTHERS	--	SBID←REAL BID		00	--
					EOF	SDT1	SBID+1		20	--
					TM	--	SBID←REAL BID		10	--

FIG. 205

PRE - PROCESS				OPERATION	POST - PROCESS				PROCESS ID	
ES	EP	RE-POSITION	RESTORE		BLOCK	SAVE	BID PROCESS			
70	-4	--	--	EMULATE	--	--	--	--	70	-3 1.70.00
	-3	--	SDT1	EMULATE	--	--	--	--	70	-2 1.70.10
	-2	--	SDT2	EMULATE	--	--	--	--	70	-1 1.70.20
	-1	--	--	EMULATE	--	--	--	--	70	0 1.70.30
	0	--	--	EMULATE	--	--	--	--	70	+1 1.70.40
	+1	WTM	--	REAL READ	EOF	SDT1	SBID+1		20	-- 1.70.50
					TM	--	SBID--REAL BID		10	-- 1.70.51
					OTHERS	--	--		00	-- 1.70.52
80	-4	--	--	EMULATE	--	--	--	--	80	-3 1.80.00
	-3	--	SDT1	EMULATE	--	--	--	--	80	-2 1.80.10
	-2	--	SDT2	EMULATE	--	--	--	--	80	-1 1.80.20
	-1	--	--	EMULATE	--	--	--	--	80	0 1.80.30
	0	--	--	EMULATE	--	--	--	--	80	+1 1.80.40
	+1	--	--	REAL READ	EOD	--	--	--	00	-- 1.80.50

FIG. 206

PRE - PROCESS				OPERATION	POST - PROCESS				PROCESS ID	
ES	EP	RE-POSITION	RESTORE		BLOCK	SAVE	BID PROCESS			
31	--	--	--	REAL READ	TM	--	SBID←REAL BID WHEN (REAL BID)-(SBID)=3		41	0 1.31.00
					OTHERS	--	--		00	-- 1.31.01
41	-4	--	--	EMULATE	--	--	--		41	-3 1.41.00
	-3	--	SDT1		EMULATE	--	--		41	-2 1.41.10
	-2	SBID+EP	--		REAL READ	EOF SDT2	SBID-3		30	-- 1.41.20
	0	--	--		OTHERS	--	--		00	-- 1.41.21
			EMULATE	--	--	--		41	0 1.41.30	
				EOF SDT1		--		20	-- 1.41.40	
51	--	--	--	REAL READ	TM	--	SBID←REAL BID WHEN (REAL BID)-(SBID)=1		51	-- 1.51.41
					OTHERS	--	--		00	-- 1.51.42
					EOD	--	--		81	+1 1.51.43
					EOF SDT1		--		20	-- 1.51.00
61	-4	--	--	EMULATE	--	--	--		61	-3 1.61.00
					SDT1	EMULATE	--		61	-2 1.61.10
					EOF SDT2	SBID-3	30		--	1.61.20
	-2	SBID+EP	--	REAL READ	OTHERS	--	--		00	-- 1.61.21
					EMULATE	--	--		61	0 1.61.30
					EMULATE	--	--		61	+1 1.61.40
+1	SBID+EP	--	--	REAL READ	EOF SDT1	SBID+1	20		--	1.61.50
					TM	--	SBID←REAL BID		10	-- 1.61.51
					OTHERS	--	--		00	-- 1.61.52

FIG. 207

PRE - PROCESS				OPERATION	POST - PROCESS					PROCESS ID
ES	EP	RE-POSITION	RESTORE		BLOCK	SAVE	BID PROCESS		ES	
71	-4	--	--	EMULATE	--	--	--	--	71	-3 1.71.00
	-3	--	SDT1	EMULATE	--	--	--	--	71	-2 1.71.10
	-2	WTM SBID+EP	--	REAL READ	EOF	SDT2	SBID-3		30	-- 1.71.20
					OTHERS	--	--	--	00	-- 1.71.21
	-1	--	--	EMULATE	--	--	--	--	71	0 1.71.30
	0	--	--	EMULATE	--	--	--	--	71	+1 1.71.40
	+1	WTM	--	REAL READ	EOF	SDT1	--		20	-- 1.71.50
					TM	--	SBID- REAL BID		10	-- 1.71.51
					OTHERS	--	--		00	-- 1.71.52
81	-4	--	--	EMULATE	--	--	--	--	81	-3 1.81.00
	-3	--	SDT1	EMULATE	--	--	--	--	81	-2 1.81.10
	-2	SBID+EP	--	REAL READ	EOF	SDT2	SBID-3		30	-- 1.81.20
					OTHERS	--	--	--	00	-- 1.81.21
	-1	--	--	EMULATE	--	--	--	--	81	0 1.81.30
	0	--	--	EMULATE	--	--	--	--	81	+1 1.81.40
	+1	--	--	REAL READ	EOD	--	--	--	00	-- 1.81.50

FIG. 208

PRE - PROCESS				OPERATION	POST - PROCESS				PROCESS ID		
ES	EP	RE-POSITION	RESTORE		BLOCK	SAVE	BID PROCESS				
				EOF	SDT2	--		ES	EP		
22	--	--	--	REAL READ	TM	--	SBID←REAL BID			10 -- 1.22.01	
					OTHERS	--	--			00 -- 1.22.02	
					TM	--	SBID←REAL BID WHEN (REAL BID)-(SBID)=3			42 0 1.32.00	
32	--	--	--	REAL READ	OTHERS	--	--			00 -- 1.32.01	
	-4	--	--		EMULATE	--	--			42 -3 1.42.00	
	-3	SBID+EP	--		REAL READ	EOF	SDT1	SBID-3			20 -- 1.42.10
42	-2	--	SDT2	REAL READ	EMULATE	--	--			42 -1 1.42.20	
	-1	--	--		EMULATE	--	--			42 0 1.42.30	
					EOF	SDT1	--			20 -- 1.42.40	
					TM	--	SBID←REAL BID WHEN (REAL BID)-(SBID)=1			52 -- 1.42.41	
	0	--	--		OTHERS	--	--			00 -- 1.42.42	
					EOD	--	--			82 +1 1.42.43	
52	--	--	--	REAL READ	EOF	SDT1	--			20 -- 1.52.00	
					TM	--	SBID←REAL BID			10 -- 1.52.01	
					OTHERS	--	--			00 -- 1.52.02	
62	-4	--	--	REALREAD	EMULATE	--	--			62 -3 1.62.00	
	-3	SBID+EP	--		REALREAD	EOF	SDT1	SBID-3			20 -- 1.62.10
	-2	--	SDT2		EMULATE	--	--			62 -1 1.62.20	
	-1	--	--		EMULATE	--	--			62 0 1.62.30	
	0	--	--		EMULATE	--	--			62 +1 1.62.40	
	+1	SBID+EP	--		REALREAD	EOF	SDT1	SBID+1			20 -- 1.62.50
					TM	--	SBID←REAL BID			10 -- 1.62.51	
					OTHERS	--	--			00 -- 1.62.52	

F I G. 209

PRE - PROCESS				OPERATION	POST - PROCESS				PROCESS ID	
ES	EP	RE-POSITION	RESTORE		BLOCK	SAVE	BID PROCESS			
72	-4	--	--	EMULATE	--	--	--	--	72	-3 1.72.00
	-3	WTM SBID+EP	--	REAL READ	EOF	SDT1	SBID-3		20	-- 1.72.10
	-2	--	SDT2	EMULATE	OTHERS	--	--		00	-- 1.72.11
	-1	--	--	EMULATE	--	--	--		72	-1 1.72.20
	0	--	--	EMULATE	--	--	--		72	0 1.72.30
	+1	WTM	--	REAL READ	EOF	SDT1	SBID+1		20	-- 1.72.40
					TM	--	SBID- REAL BID		10	-- 1.72.50
					OTHERS	--	--		00	-- 1.72.51
							--			1.72.52
							--			
82	-4	--	--	EMULATE	--	--	--		82	-3 1.82.00
	-3	SBID+EP	--	REAL READ	EOF	SDT1	SBID-3		20	-- 1.82.10
	-2	--	SDT2	EMULATE	OTHERS	--	--		00	-- 1.82.11
	-1	--	--	EMULATE	--	--	--		82	-1 1.82.20
	0	--	--	EMULATE	--	--	--		82	0 1.82.30
	+1	--	--	REAL READ	EOD	--	--		00	-- 1.82.40

F I G. 210

PRE - PROCESS				OPERATION	POST - PROCESS					PROCESS ID	
ES	EP	RE-POSITION	RESTORE		BLOCK	SAVE	BID PROCESS		ES		
33	--	--	--	REAL READ	TM	--	SBID←REAL BID WHEN (REAL BID)-(SBID)=3		43	0 1.33.00	
					OTHERS	--	--		00	-- 1.33.01	
43	-4	--	--	EMULATE	--	--	--		43	-3 1.43.00	
	-3	SBID+EP	--		REAL READ	EOF	SDT1	SBID-3	20	-- 1.43.10	
					OTHERS	--	--		00	-- 1.43.11	
	-2	SBID+EP	--	REAL READ	EOF	SDT2	SBID-3		32	-- 1.43.20	
					OTHERS	--	--		00	-- 1.43.21	
	-1	--	--	EMULATE	--	--	--		43	0 1.43.30	
					EOF	SDT1	--		20	-- 1.43.40	
	0	--	--	REAL READ	TM	--	SBID←REAL BID WHEN (REAL BID)-(SBID)=1		53	-- 1.43.41	
					OTHERS	--	--		00	-- 1.43.42	
					EOD	--	--		83	+1 1.43.43	
53	--	--	--	REAL READ	EOF	SDT1	--		20	-- 1.53.00	
					TM	--	SBID←REAL BID		10	-- 1.53.01	
					OTHERS	--	--		00	-- 1.53.02	
63	-4	--	--	EMULATE	--	--	--		63	-3 1.63.00	
					REAL READ	EOF	SDT1	SBID-3	20	-- 1.63.10	
	-3	SBID+EP	--		OTHERS	--	--		00	-- 1.63.11	
					REAL READ	EOF	SDT2	SBID-3	32	-- 1.63.20	
	-2	SBID+EP	--		OTHERS	--	--		00	-- 1.63.21	
					EMULATE	--	--		63	0 1.63.30	
	0	--	--	EMULATE	--	--	--		63	+1 1.63.40	
					REAL READ	EOF	SDT1	SBID+1	20	-- 1.63.50	
					TM	--	SBID←REAL BID		10	-- 1.63.51	
	+1	SBID+EP	--		OTHERS	--	--		00	-- 1.63.52	

FIG. 211

PRE - PROCESS				OPERATION	POST - PROCESS				PROCESS ID	
ES	EP	RE-POSITION	RESTORE		BLOCK	SAVE	BID PROCESS			
73	-4	--	--	EMULATE	--	--	--	--	73	-3 1.73.00
	-3	WTM SBID+EP	--	REAL READ	EOF	SDT1	SBID-3	20	--	1.73.10
				OTHERS	--	--	--	00	--	1.73.11
	-2	WTM SBID+EP	--	REAL READ	EOF	SDT2	SBID-3	32	--	1.73.20
				OTHERS	--	--	--	00	--	1.73.21
	-1	--	--	EMULATE	--	--	--	73	0	1.73.30
	0	--	--	EMULATE	--	--	--	73	+1	1.73.40
	+1	WTM	--	REAL READ	EOF	SDT1	SBID+1	20	--	1.73.50
83				TM	--	--	SBID--REAL BID	10	--	1.73.51
				OTHERS	--	--	--	00	--	1.73.52
	-4	--	--	EMULATE	--	--	--	83	-3	1.83.00
	-3	SBID+EP	--	REAL READ	EOF	SDT1	SBID-3	20	--	1.83.10
				OTHERS	--	--	--	00	--	1.83.11
	-2	SBID+EP	--	REAL READ	EOF	SDT2	SBID-3	32	--	1.83.20
				OTHERS	--	--	--	00	--	1.83.21
83	-1	--	--	EMULATE	--	--	--	83	0	1.83.30
	0	--	--	EMULATE	--	--	--	83	+1	1.83.40
	+1	--	--	REAL READ	EOF	--	--	00	--	1.83.50

FIG. 212

PRE - PROCESS				OPERATION	POST - PROCESS				PROCESS ID	
ES	EP	RE-POSITION	RESTORE		BLOCK	SAVE	BID PROCESS	ES	EP	
00	--	--	--	REAL RB	--	--	--	00	--	2 00.00
10	--	--	--	REAL RB	--	--	--	00	--	2 10.00
20	--	--	--	REAL RB	--	--	--	00	--	2 20.00
30	--	--	--	REAL RB	--	--	--	00	--	2 30.00
	-4	SBID+EP	--	REAL RB	--	--	--	00	--	2 40.00
	-3	--	--	EMULATE	--	--	--	40	-4	2 40.10
40	-2	--	--	EMULATE	--	--	--	40	-3	2 40.20
	-1	--	--	EMULATE	--	--	--	40	-2	2 40.30
	0	--	--	EMULATE	--	--	--	40	-1	2 40.40
50	--	--	--	REAL RB	TM	--	SBID←REAL BID WHEN (SBID)-(REAL BID)=1	60	0	2 50.00
	-4	SBID+EP	--	REAL RB	--	--	--	00	--	2 60.00
	-3	--	--	EMULATE	--	--	--	60	-4	2 60.10
60	-2	--	--	EMULATE	--	--	--	60	-3	2 60.20
	-1	--	--	EMULATE	--	--	--	60	-2	2 60.30
	0	--	--	EMULATE	--	--	--	60	-1	2 60.40
	+1	--	--	EMULATE	--	--	--	60	0	2 60.50
	-4	WTM SBID+EP	--	REAL RB	--	--	--	00	--	2 70.00
	-3	--	--	EMULATE	--	--	--	70	-4	2 70.10
70	-2	--	--	EMULATE	--	--	--	70	-3	2 70.20
	-1	--	--	EMULATE	--	--	--	70	-2	2 70.30
	0	--	--	EMULATE	--	--	--	70	-1	2 70.40
	+1	--	--	EMULATE	--	--	--	70	0	2 70.50
	-4	SBID+EP	--	REAL RB	--	--	--	00	--	2 80.00
	-3	--	--	EMULATE	--	--	--	80	-4	2 80.10
80	-2	--	--	EMULATE	--	--	--	80	-3	2 80.20
	-1	--	--	EMULATE	--	--	--	80	-2	2 80.30
	0	--	--	EMULATE	--	--	--	80	-1	2 80.40
	+1	--	--	EMULATE	--	--	--	80	0	2 80.50

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PRE - PROCESS				OPERATION	POST - PROCESS				PROCESS ID	
ES	EP	RE-POSITION	RESTORE		BLOCK	SAVE	BID PROCESS			
31	--	--	--	REAL RB	--	--	--	--	00	--
	-4	SBID+EP	--	REAL RB	--	--	--	--	00	--
	-3	--	--	EMULATE	--	--	--	--	41	-4
41	-2	--	--	EMULATE	--	--	--	--	41	-3
	-1	--	--	EMULATE	--	--	--	--	41	-2
	0	--	--	EMULATE	--	--	--	--	41	-1
51	--	--	--	REAL RB	TM	--	SBID--REAL BID WHEN (SBID)-(REAL BID)=1		61	0
	-4	SBID+EP	--	REAL RB	--	--	--	--	00	--
	-3	--	--	EMULATE	--	--	--	--	61	-4
61	-2	--	--	EMULATE	--	--	--	--	61	-3
	-1	--	--	EMULATE	--	--	--	--	61	-2
	0	--	--	EMULATE	--	--	--	--	61	-1
	+1	--	--	EMULATE	--	--	--	--	61	0
	-4	WTM SBID+EP	--	REAL RB	--	--	--	--	00	--
	-3	--	--	EMULATE	--	--	--	--	71	-4
71	-2	--	--	EMULATE	--	--	--	--	71	-3
	-1	--	--	EMULATE	--	--	--	--	71	-2
	0	--	--	EMULATE	--	--	--	--	71	-1
	+1	--	--	EMULATE	--	--	--	--	71	0
81	-4	SBID+EP	--	REAL RB	--	--	--	--	00	--
	-3	--	--	EMULATE	--	--	--	--	81	-4
	-2	--	--	EMULATE	--	--	--	--	81	-3
	-1	--	--	EMULATE	--	--	--	--	81	-2
	0	--	--	EMULATE	--	--	--	--	81	-1
	+1	--	--	EMULATE	--	--	--	--	81	0

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PRE - PROCESS				OPERATION	POST - PROCESS				PROCESS ID	
ES	EP	RE-POSITION	RESTORE		BLOCK	SAVE	BID PROCESS			
32	--	--	--	REAL RB	--	--	--	--	00	-- 2 32 00
	-4	SBID+EP	--	REAL RB	--	--	--	--	00	-- 2 42 00
42	-3	--	--	EMULATE	--	--	--	--	42	-4 2 42 10
	-2	--	--	EMULATE	--	--	--	--	42	-3 2 42 20
	-1	--	--	EMULATE	--	--	--	--	42	-2 2 42 30
	0	--	--	EMULATE	--	--	--	--	42	-1 2 42 40
				REAL RB	TM	--	SBID=REAL BID WHEN (SBID)-(REAL BID)=1		62	0 2 52 00
62	-4	SBID+EP	--	REAL RB	--	--	--	--	00	-- 2 62 00
	-3	--	--	EMULATE	--	--	--	--	62	-4 2 62 10
	-2	--	--	EMULATE	--	--	--	--	62	-3 2 62 20
	-1	--	--	EMULATE	--	--	--	--	62	-2 2 62 30
	0	--	--	EMULATE	--	--	--	--	62	-1 2 62 40
	+1	--	--	EMULATE	--	--	--	--	62	0 2 62 50
72	-4	WTM SBID+EP	--	REAL RB	--	--	--	--	00	-- 2 72 00
	-3	--	--	EMULATE	--	--	--	--	72	-4 2 72 10
	-2	--	--	EMULATE	--	--	--	--	72	-3 2 72 20
	-1	--	--	EMULATE	--	--	--	--	72	-2 2 72 30
	0	--	--	EMULATE	--	--	--	--	72	-1 2 72 40
	+1	--	--	EMULATE	--	--	--	--	72	0 2 72 50
82	-4	SBID+EP	--	REAL RB	--	--	--	--	00	-- 2 82 00
	-3	--	--	EMULATE	--	--	--	--	82	-4 2 82 10
	-2	--	--	EMULATE	--	--	--	--	82	-3 2 82 20
	-1	--	--	EMULATE	--	--	--	--	82	-2 2 82 30
	0	--	--	EMULATE	--	--	--	--	82	-1 2 82 40
	+1	--	--	EMULATE	--	--	--	--	82	0 2 82 50

FIG. 215

PRE - PROCESS				OPERATION	POST - PROCESS				PROCESS ID
ES	EP	RE-POSITION	RESTORE		BLOCK	SAVE	BID PROCESS		
33	--	--	--	REAL RB	--	--	--	--	00 -- 2.33.00
	-4	SBID+EP	--	REAL RB	--	--	--	--	00 -- 2.43.00
	-3	--	--	EMULATE	--	--	--	--	43 -4 2.43.10
43	-2	--	--	EMULATE	--	--	--	--	43 -3 2.43.20
	-1	--	--	EMULATE	--	--	--	--	43 -2 2.43.30
	0	--	--	EMULATE	--	--	--	--	43 -1 2.43.40
53	--	--	--	REAL RB	TM	--	SBID←REAL BID WHEN (SBID)-(REAL BID)=1		63 0 2.53.00
	-4	SBID+EP	--	REAL RB	--	--	--	--	00 -- 2.63.00
	-3	--	--	EMULATE	--	--	--	--	63 -4 2.63.10
63	-2	--	--	EMULATE	--	--	--	--	63 -3 2.63.20
	-1	--	--	EMULATE	--	--	--	--	63 -2 2.63.30
	0	--	--	EMULATE	--	--	--	--	63 -1 2.63.40
	+1	--	--	EMULATE	--	--	--	--	63 0 2.63.50
	-4	WTM SBID+EP	--	REAL RB	--	--	--	--	00 -- 2.73.00
	-3	--	--	EMULATE	--	--	--	--	73 -4 2.73.10
73	-2	--	--	EMULATE	--	--	--	--	73 -3 2.73.20
	-1	--	--	EMULATE	--	--	--	--	73 -2 2.73.30
	0	--	--	EMULATE	--	--	--	--	73 -1 2.73.40
	+1	--	--	EMULATE	--	--	--	--	73 0 2.73.50
	-4	SBID+EP	--	REAL RB	--	--	--	--	00 -- 2.83.00
	-3	--	--	EMULATE	--	--	--	--	83 -4 2.83.10
83	-2	--	--	EMULATE	--	--	--	--	83 -3 2.83.20
	-1	--	--	EMULATE	--	--	--	--	83 -2 2.83.30
	0	--	--	EMULATE	--	--	--	--	83 -1 2.83.40
	+1	--	--	EMULATE	--	--	--	--	83 0 2.83.50

FIG. 216

PRE - PROCESS				OPERATION	POST - PROCESS				PROCESS ID
ES	EP	RE-POSITION	RESTORE		BLOCK	SAVE	BID PROCESS		
00	--	--	--	REAL WR	--	--	--		00 -- 3.00.00
10	--	--	--	REAL WR	EOF	SDT1	--		20 -- 3.10.00
					OTHERS	--	--		00 -- 3.10.01
20	--	--	--	REAL WR	EOF	SDT2	--		30 -- 3.20.00
					OTHERS	--	--		00 -- 3.20.01
30	--	--	--	REAL WR	--	--	--		00 -- 3.30.00
-4				REAL WR	--	--	--		00 -- 3.40.00
				REAL WR	EOF	SDT1	SBID-3		20 -- 3.40.10
				REAL WR	OTHERS	--	--		00 -- 3.40.11
40	-2	SBID+EP		REAL WR	EOF	SDT2	SBID-3		30 -- 3.40.20
				REAL WR	OTHERS	--	--		00 -- 3.40.21
				REAL WR	--	--	--		00 -- 3.40.30
				REAL WR	EOF	SDT1	--		20 -- 3.40.40
	0			REAL WR	OTHERS	--	--		00 -- 3.40.41
50	--	--	--	REAL WR	EOF	SDT1	--		20 -- 3.50.00
				REAL WR	OTHERS	--	--		00 -- 3.50.01
-4				REAL WR	--	--	--		00 -- 3.60.00
				REAL WR	EOF	SDT1	SBID-3		20 -- 3.60.10
				REAL WR	OTHERS	--	--		00 -- 3.60.11
60	-2	SBID+EP		REAL WR	EOF	SDT2	SBID-3		30 -- 3.60.20
				REAL WR	OTHERS	--	--		00 -- 3.60.21
				REAL WR	--	--	--		00 -- 3.60.30
				REAL WR	EOF	SDT1	--		20 -- 3.60.40
	0			REAL WR	OTHERS	--	--		00 -- 3.60.41
+1		SBID+EP		REAL WR	EOF	SDT1	SBID+1		20 -- 3.60.50
				REAL WR	OTHERS	--	--		00 -- 3.60.51

FIG. 217

PRE - PROCESS				OPERATION	POST - PROCESS				PROCESS ID	
ES	EP	RE-POSITION	RESTORE		BLOCK	SAVE	BID PROCESS			
70	-4	SBID+EP	--	REAL WR	--	--	--		00	-- 3.70.00
	--		--	REAL WR	EOF	SDT1	SBID-3		20	-- 3.70.10
	--		--	REAL WR	OTHERS	--	--		00	-- 3.70.11
	--		--	REAL WR	EOF	SDT2	SBID-3		30	-- 3.70.20
	--		--	REAL WR	OTHERS	--	--		00	-- 3.70.21
	-1		--	REAL WR	--	--	--		00	-- 3.70.30
	0		--	REAL WR	EOF	SDT1	--		20	-- 3.70.40
	--		--	REAL WR	OTHERS	--	--		00	-- 3.70.41
	+1		WTM	REAL WR	EOF	SDT1	SBID+1		20	-- 3.70.50
	--		--	REAL WR	OTHERS	--	--		00	-- 3.70.51
80	-4	SBID+EP	--	REAL WR	--	--	--		00	-- 3.80.00
	--		--	REAL WR	EOF	SDT1	SBID-3		20	-- 3.80.10
	--		--	REAL WR	OTHERS	--	--		00	-- 3.80.11
	--		--	REAL WR	EOF	SDT2	SBID-3		30	-- 3.80.20
	--		--	REAL WR	OTHERS	--	--		00	-- 3.80.21
	-1		--	REAL WR	--	--	--		00	-- 3.80.30
	0		--	REAL WR	EOF	SDT1	--		20	-- 3.80.40
	--		--	REAL WR	OTHERS	--	--		00	-- 3.80.41
	+1		WTM	REAL WR	EOF	SDT1	SBID+1		20	-- 3.80.50
	--		--	REAL WR	OTHERS	--	--		00	-- 3.80.51

FIG. 218

PRE - PROCESS				OPERATION	POST - PROCESS				PROCESS ID	
ES	EP	RE-POSITION	RESTORE		BLOCK	SAVE	BID PROCESS			
								ES	EP	
31	--	--	--	REAL WR SBID+EP	--	--	--	00	--	3.31.00
	-4	--	--		--	--	--	00	--	3.41.00
	-3	--	--		EOF	SDT1	SBID-3	20	--	3.41.10
		--	--		OTHERS	--	--	00	--	3.41.11
41	-2	--	--		EOF	SDT2	SBID-3	30	--	3.41.20
		--	--		OTHERS	--	--	00	--	3.41.21
	-1	--	--		--	--	--	00	--	3.41.30
	0	--	--		EOF	SDT1	--	20	--	3.41.40
		--	--		OTHERS	--	--	00	--	3.41.41
51	--	--	--		EOF	SDT1	--	20	--	3.51.00
		--	--		OTHERS	--	--	00	--	3.51.01
61	-4	--	--	REAL WR SBID+EP	--	--	--	00	--	3.61.00
		--	--		EOF	SDT1	SBID-3	20	--	3.61.10
	-3	--	--		OTHERS	--	--	00	--	3.61.11
		--	--		EOF	SDT2	SBID-3	30	--	3.61.20
	-2	--	--		OTHERS	--	--	00	--	3.61.21
		--	--		--	--	--	00	--	3.61.30
	-1	--	--		EOF	SDT1	--	20	--	3.61.40
	0	--	--		OTHERS	--	--	00	--	3.61.41
	+1	SBID+EP	--		EOF	SDT1	SBID+1	20	--	3.61.50
		--	--		OTHERS	--	--	00	--	3.61.51

FIG. 219

ES	EP	PRE - PROCESS		OPERATION	POST - PROCESS				PROCESS ID
		RE-POSITION	RESTORE		BLOCK	SAVE	BID PROCESS		
71	-4	SBID+EP	--	REAL WR	--	--	--	--	00 -- 3.71.00
	-3		--	REAL WR	EOF	SDT1	SBID-3		20 -- 3.71.10
	-2		--	REAL WR	OTHERS	--	--		00 -- 3.71.11
	-1		--	REAL WR	EOF	SDT2	SBID-3		30 -- 3.71.20
	0		--	REAL WR	OTHERS	--	--		00 -- 3.71.21
	+1		WTM	--	REAL WR	EOF	SDT1	SBID+1	
				OTHERS	--	--	--		00 -- 3.71.51
81	-4	SBID+EP	--	REAL WR	--	--	--		00 -- 3.81.00
	-3		--	REAL WR	EOF	SDT1	SBID-3		20 -- 3.81.10
	-2		--	REAL WR	OTHERS	--	--		00 -- 3.81.11
	-1		--	REAL WR	EOF	SDT2	SBID-3		30 -- 3.81.20
	0		--	REAL WR	OTHERS	--	--		00 -- 3.81.21
	+1		WTM	--	REAL WR	EOF	SDT1	SBID+1	
				OTHERS	--	--	--		00 -- 3.81.51

FIG. 220

PRE - PROCESS				OPERATION	POST - PROCESS				PROCESS ID	
ES	EP	RE-POSITION	RESTORE		BLOCK	SAVE	BID PROCESS			
22	--	--	--	REAL WR	EOF	SDT2	--	--	32	-- 3.22.00
			--	OTHERS	--	--	--	--	00	-- 3.22.01
32	--	--	--	REAL WR	--	--	--	--	00	-- 3.32.00
	-4			REAL WR	--	--	--	--	00	-- 3.42.00
	-3			REAL WR	EOF	SDT1	SBID-3		20	-- 3.42.10
			--	OTHERS	--	--	--	--	00	-- 3.42.11
	-2	SBID+EP		REAL WR	EOF	SDT2	SBID-3		32	-- 3.42.20
				OTHERS	--	--	--	--	00	-- 3.42.21
	-1			REAL WR	--	--	--	--	00	-- 3.42.30
	0		--	REAL WR	EOF	SDT1	--	--	20	-- 3.42.40
			--	OTHERS	--	--	--	--	00	-- 3.42.41
	52		--	REAL WR	EOF	SDT1	--	--	20	-- 3.52.00
			--	OTHERS	--	--	--	--	00	-- 3.52.01
	-4			REAL WR	--	--	--	--	00	-- 3.62.00
	-3			REAL WR	EOF	SDT1	SBID-3		20	-- 3.62.10
			--	OTHERS	--	--	--	--	00	-- 3.62.11
	-2	SBID+EP		REAL WR	EOF	SDT2	SBID-3		32	-- 3.62.20
				OTHERS	--	--	--	--	00	-- 3.62.21
	-1			REAL WR	--	--	--	--	00	-- 3.62.30
	0		--	REAL WR	EOF	SDT1	--	--	20	-- 3.62.40
			--	OTHERS	--	--	--	--	00	-- 3.62.41
	+1	SBID+EP	--	REAL WR	EOF	SDT1	SBID+1		20	-- 3.62.50
			--	OTHERS	--	--	--	--	00	-- 3.62.51

FIG. 221

ES	EP	PRE - PROCESS		OPERATION	POST - PROCESS				PROCESS ID
		RE-POSITION	RESTORE		BLOCK	SAVE	BID PROCESS		
72	-4	SBID+EP	--	REAL WR	--	--	--	00	-- 3.72.00
	-3		--	REAL WR	EOF	SDT1	SBID-3	20	-- 3.72.10
	-2		--	REAL WR	OTHERS	--	--	00	-- 3.72.11
	-1		--	REAL WR	EOF	SDT2	SBID-3	32	-- 3.72.20
	0		--	REAL WR	OTHERS	--	--	00	-- 3.72.21
	+1		WTM	REAL WR	EOF	SDT1	SBID+1	20	-- 3.72.50
			--	REAL WR	OTHERS	--	--	00	-- 3.72.51
	-4		--	REAL WR	--	--	--	00	-- 3.82.00
	-3		--	REAL WR	EOF	SDT1	SBID-3	20	-- 3.82.10
	-2		--	REAL WR	OTHERS	--	--	00	-- 3.82.11
82	-1	SBID+EP	--	REAL WR	EOF	SDT2	SBID-3	32	-- 3.82.20
	0		--	REAL WR	OTHERS	--	--	00	-- 3.82.21
	+1		WTM	REAL WR	EOF	SDT1	SBID+1	20	-- 3.82.40
			--	REAL WR	OTHERS	--	--	00	-- 3.82.41
	-4		--	REAL WR	--	--	--	00	-- 3.82.30
	-3		--	REAL WR	EOF	SDT1	SBID-3	20	-- 3.82.40
	-2		--	REAL WR	OTHERS	--	--	00	-- 3.82.50

FIG. 222

PRE - PROCESS				OPERATION	POST - PROCESS				PROCESS ID	
ES	EP	RE-POSITION	RESTORE		BLOCK	SAVE	BID PROCESS			
33	--	--	--	REAL WR SBID+EP	--	--	--	--	00	-- 3.33.00
	-4	--	--		--	--	--	--	00	-- 3.43.00
	-3	--	--		EOF	SDT1	SBID-3		20	-- 3.43.10
					OTHERS	--	--	--	00	-- 3.43.11
43	-2	--	--		EOF	SDT2	SBID-3		32	-- 3.43.20
					OTHERS	--	--	--	00	-- 3.43.21
	-1	--	--		REAL WR	--	--	--	00	-- 3.43.30
	0	--	--		EOF	SDT1	--		20	-- 3.43.40
					OTHERS	--	--	--	00	-- 3.43.41
53	--	--	--		EOF	SDT1	--		20	-- 3.53.00
					OTHERS	--	--	--	00	-- 3.53.01
	-4	--	--	REAL WR SBID+EP	--	--	--	--	00	-- 3.63.00
	-3	--	--		EOF	SDT1	SBID-3		20	-- 3.63.10
					OTHERS	--	--	--	00	-- 3.63.11
63	-2	--	--		EOF	SDT2	SBID-3		32	-- 3.63.20
					OTHERS	--	--	--	00	-- 3.63.21
	-1	--	--		REAL WR	--	--	--	00	-- 3.63.30
	0	--	--		EOF	SDT1	--		20	-- 3.63.40
					OTHERS	--	--	--	00	-- 3.63.41
	+1	SBID+EP	--		REAL WR	EOF	SDT1	SBID+1		20 -- 3.63.50
					OTHERS	--	--	--	00	-- 3.63.51

F I G. 223

ES	EP	PRE - PROCESS		OPERATION	POST - PROCESS				ES	EP	PROCESS ID
		RE-POSITION	RESTORE		BLOCK	SAVE	BID PROCESS				
73	-4	SBID+EP	--	REAL WR	--	--	--		00	--	3.73.00
	-3		--	REAL WR	EOF	SDT1	SBID-3		20	--	3.73.10
	0		--	REAL WR	OTHERS	--	--		00	--	3.73.11
	-2		--	REAL WR	EOF	SDT2	SBID-3		32	--	3.73.20
	-1		--	REAL WR	OTHERS	--	--		00	--	3.73.21
	0		--	REAL WR	EOF	SDT1	--		20	--	3.73.30
	+1		WTM	REAL WR	OTHERS	--	--		00	--	3.73.40
	0		--	REAL WR	EOF	SDT1	SBID+1		20	--	3.73.41
	+1		WTM	REAL WR	OTHERS	--	--		00	--	3.73.50
	-4		--	REAL WR	--	--	--		00	--	3.83.00
83	-3	SBID+EP	--	REAL WR	EOF	SDT1	SBID-3		20	--	3.83.10
	-2		--	REAL WR	OTHERS	--	--		00	--	3.83.11
	-1		--	REAL WR	EOF	SDT2	SBID-3		32	--	3.83.20
	0		--	REAL WR	OTHERS	--	--		00	--	3.83.21
	-1		--	REAL WR	--	--	--		00	--	3.83.30
	0		--	REAL WR	EOF	SDT1	--		20	--	3.83.40
	+1		WTM	REAL WR	OTHERS	--	--		00	--	3.83.41
	-4		--	REAL WR	EOF	SDT1	SBID+1		20	--	3.83.50
	-3		--	REAL WR	OTHERS	--	--		00	--	3.83.51

FIG. 224

PRE - PROCESS				OPERATION	POST - PROCESS				PROCESS ID		
ES	EP	RE-POSITION	RESTORE		BLOCK	SAVE	BID PROCESS				
00	--	--	--	REAL BSP	--	--	--	--	00	--	4.00.00
10	--	--	--	REAL BSP	--	--	--	--	00	--	4.10.00
20	--	--	--	REAL BSP	--	--	--	--	10	--	4.20.00
30	--	--	--	REAL BSP	--	--	--	--	20	--	4.30.00
40	-4	SBID+EP	--	REAL BSP	--	--	--	--	00	--	4.40.00
	-3	--	--	EMULATE	--	--	--	--	40	-4	4.40.10
	-2	--	--	EMULATE	--	--	--	--	40	-3	4.40.20
	-1	--	--	EMULATE	--	--	--	--	40	-2--	4.40.30
	0	--	--	EMULATE	--	--	--	--	40	-1	4.40.40
50	--	--	--	REAL BSP	TM	--	SBID←REAL BID WHEN (SBID)-(REAL BID)=1		60	0	4.50.00
60	-4	SBID+EP	--	REAL BSP	--	--	--	--	00	--	4.60.00
	-3	--	--	EMULATE	--	--	--	--	60	-4	4.60.10
	-2	--	--	EMULATE	--	--	--	--	60	-3	4.60.20
	-1	--	--	EMULATE	--	--	--	--	60	-2	4.60.30
	0	--	--	EMULATE	--	--	--	--	60	-1	4.60.40
	+1	--	--	EMULATE	--	--	--	--	60	0	4.60.50
70	-4	WTM SBID+EP	--	REAL BSP	--	--	--	--	00	--	4.70.00
	-3	--	--	EMULATE	--	--	--	--	70	-4	4.70.10
	-2	--	--	EMULATE	--	--	--	--	70	-3	4.70.20
	-1	--	--	EMULATE	--	--	--	--	70	-2	4.70.30
	0	--	--	EMULATE	--	--	--	--	70	-1	4.70.40
	+1	--	--	EMULATE	--	--	--	--	70	0	4.70.50
80	-4	SBID+EP	--	REAL BSP	--	--	--	--	00	--	4.80.00
	-3	--	--	EMULATE	--	--	--	--	80	-4	4.80.10
	-2	--	--	EMULATE	--	--	--	--	80	-3	4.80.20
	-1	--	--	EMULATE	--	--	--	--	80	-2	4.80.30
	0	--	--	EMULATE	--	--	--	--	80	-1	4.80.40
	+1	--	--	EMULATE	--	--	--	--	80	0	4.80.50

FIG. 225

ES	EP	PRE - PROCESS		OPERATION	POST - PROCESS				PROCESS ID	
		RE-POSITION	RESTORE		BLOCK	SAVE	BID PROCESS			
31	--	--	--	REAL BSP	--	--	--	--	20	-- 4.31.00
41	-4	SBID+EP	--	REAL BSP	--	--	--	--	00	-- 4.41.00
	-3	--	--	EMULATE	--	--	--	--	41	-4 4.41.10
	-2	--	--	EMULATE	--	--	--	--	41	-3 4.41.20
	-1	--	--	EMULATE	--	--	--	--	41	-2 4.41.30
	0	--	--	EMULATE	--	--	--	--	41	-1 4.41.40
	51	--	--	REAL BSP	TM	--	SBID←REAL BID WHEN (SBID)-(REAL BID)=1		61	0 4.51.00
61	-4	SBID+EP	--	REAL BSP	--	--	--	--	00	-- 4.61.00
	-3	--	--	EMULATE	--	--	--	--	61	-4 4.61.10
	-2	--	--	EMULATE	--	--	--	--	61	-3 4.61.20
	-1	--	--	EMULATE	--	--	--	--	61	-2 4.61.30
	0	--	--	EMULATE	--	--	--	--	61	-1 4.61.40
	+1	--	--	EMULATE	--	--	--	--	61	0 4.61.50
71	-4	WTM SBID+EP	--	REAL BSP	--	--	--	--	00	-- 4.71.00
	-3	--	--	EMULATE	--	--	--	--	71	-4 4.71.10
	-2	--	--	EMULATE	--	--	--	--	71	-3 4.71.20
	-1	--	--	EMULATE	--	--	--	--	71	-2 4.71.30
	0	--	--	EMULATE	--	--	--	--	71	-1 4.71.40
	+1	--	--	EMULATE	--	--	--	--	71	0 4.71.50
81	-4	SBID+EP	--	REAL BSP	--	--	--	--	00	-- 4.81.00
	-3	--	--	EMULATE	--	--	--	--	81	-4 4.81.10
	-2	--	--	EMULATE	--	--	--	--	81	-3 4.81.20
	-1	--	--	EMULATE	--	--	--	--	81	-2 4.81.30
	0	--	--	EMULATE	--	--	--	--	81	-1 4.81.40
	+1	--	--	EMULATE	--	--	--	--	81	0 4.81.50

FIG. 226

PRE - PROCESS				OPERATION	POST - PROCESS				PROCESS ID
ES	EP	RE-POSITION	RESTORE		BLOCK	SAVE	BID PROCESS	ES	
22	--	--	--	REAL BSP	--	--	--	10	-- 4.22.00
32	--	--	--	REAL BSP	--	--	--	22	-- 4.32.00
42	-4	SBID+EP	--	REAL BSP	--	--	--	00	-- 4.42.00
	-3	--	--	EMULATE	--	--	--	42	-4 4.42.10
	-2	--	--	EMULATE	--	--	--	42	-3 4.42.20
	-1	--	--	EMULATE	--	--	--	42	-2-- 4.42.30
	0	--	--	EMULATE	--	--	--	42	-1 4.42.40
	52	--	--	REAL BSP	TM	--	SBID←REAL BID WHEN (SBID)-(REAL BID)=1	62	0 4.52.00
62	-4	SBID+EP	--	REAL BSP	--	--	--	00	-- 4.62.00
	-3	--	--	EMULATE	--	--	--	62	-4 4.62.10
	-2	--	--	EMULATE	--	--	--	62	-3 4.62.20
	-1	--	--	EMULATE	--	--	--	62	-2 4.62.30
	0	--	--	EMULATE	--	--	--	62	-1 4.62.40
	+1	--	--	EMULATE	--	--	--	62	0 4.62.50
72	-4	WTM SBID+EP	--	REAL BSP	--	--	--	00	-- 4.72.00
	-3	--	--	EMULATE	--	--	--	72	-4 4.72.10
	-2	--	--	EMULATE	--	--	--	72	-3 4.72.20
	-1	--	--	EMULATE	--	--	--	72	-2 4.72.30
	0	--	--	EMULATE	--	--	--	72	-1 4.72.40
	+1	--	--	EMULATE	--	--	--	72	0 4.72.50
82	-4	SBID+EP	--	REAL BSP	--	--	--	00	-- 4.82.00
	-3	--	--	EMULATE	--	--	--	82	-4 4.82.10
	-2	--	--	EMULATE	--	--	--	82	-3 4.82.20
	-1	--	--	EMULATE	--	--	--	82	-2 4.82.30
	0	--	--	EMULATE	--	--	--	82	-1 4.82.40
	+1	--	--	EMULATE	--	--	--	82	0 4.82.50

FIG. 227

PRE - PROCESS				OPERATION	POST - PROCESS				PROCESS ID	
ES	EP	RE-POSITION	RESTORE		BLOCK	SAVE	BID PROCESS			
33	--	--	--	REAL BSP	--	--	--	--	22	-- 4.33.00
43	-4	SBID+EP	--	REAL BSP	--	--	--	--	00	-- 4.43.00
	-3	--	--	EMULATE	--	--	--	--	43	-4 4.43.10
	-2	--	--	EMULATE	--	--	--	--	43	-3 4.43.20
	-1	--	--	EMULATE	--	--	--	--	43	-2 4.43.30
	0	--	--	EMULATE	--	--	--	--	43	-1 4.43.40
	53	--	--	REAL BSP	TM	--	SBID←REAL BID WHEN (SBID)-(REAL BID)=1		63	0 4.53.00
63	-4	SBID+EP	--	REAL BSP	--	--	--	--	00	-- 4.63.00
	-3	--	--	EMULATE	--	--	--	--	63	-4 4.63.10
	-2	--	--	EMULATE	--	--	--	--	63	-3 4.63.20
	-1	--	--	EMULATE	--	--	--	--	63	-2 4.63.30
	0	--	--	EMULATE	--	--	--	--	63	-1 4.63.40
	+1	--	--	EMULATE	--	--	--	--	63	0 4.63.50
73	-4	WTM SBID+EP	--	REAL BSP	--	--	--	--	00	-- 4.73.00
	-3	--	--	EMULATE	--	--	--	--	73	-4 4.73.10
	-2	--	--	EMULATE	--	--	--	--	73	-3 4.73.20
	-1	--	--	EMULATE	--	--	--	--	73	-2 4.73.30
	0	--	--	EMULATE	--	--	--	--	73	-1 4.73.40
	+1	--	--	EMULATE	--	--	--	--	73	0 4.73.50
83	-4	SBID+EP	--	REAL BSP	--	--	--	--	00	-- 4.83.00
	-3	--	--	EMULATE	--	--	--	--	83	-4 4.83.10
	-2	--	--	EMULATE	--	--	--	--	83	-3 4.83.20
	-1	--	--	EMULATE	--	--	--	--	83	-2 4.83.30
	0	--	--	EMULATE	--	--	--	--	83	-1 4.83.40
	+1	--	--	EMULATE	--	--	--	--	83	0 4.83.50

FIG. 228

PRE - PROCESS				OPERATION	POST - PROCESS				PROCESS ID		
ES	EP	RE-POSITION	RESTORE		BLOCK	SAVE	BID PROCESS				
00	--	--	--	REAL BSPF	--	--	--	--	00	--	5.00.00
10	--	--	--	REAL BSPF	--	--	--	--	00	--	5.10.00
20	--	--	--	REAL BSPF	--	--	--	--	00	--	5.20.00
30	--	--	--	REAL BSPF	--	--	--	--	00	--	5.30.00
40	-4	SBID+EP	--	REAL BSPF	--	--	--	--	00	--	5.40.00
	-3	--	--	EMULATE	--	--	--	--	40	-4	5.40.10
	-2	--	--	EMULATE	--	--	--	--	40	-4	5.40.20
	-1	--	--	EMULATE	--	--	--	--	40	-4	5.40.30
	0	--	--	EMULATE	--	--	--	--	40	-1	5.40.40
50	--	--	--	REAL BSPF	TM	--	SBID←REAL BID WHEN (SBID)-(REAL BID)=1		60	0	5.50.00
60	-4	SBID+EP	--	REAL BSPF	--	--	--	--	00	--	5.60.00
	-3	--	--	EMULATE	--	--	--	--	60	-4	5.60.10
	-2	--	--	EMULATE	--	--	--	--	60	-4	5.60.20
	-1	--	--	EMULATE	--	--	--	--	60	-4	5.60.30
	0	--	--	EMULATE	--	--	--	--	60	-1	5.60.40
	+1	--	--	EMULATE	--	--	--	--	60	0	5.60.50
70	-4	WTM SBID+EP	--	REAL BSPF	--	--	--	--	00	--	5.70.00
	-3	--	--	EMULATE	--	--	--	--	70	-4	5.70.10
	-2	--	--	EMULATE	--	--	--	--	70	-4	5.70.20
	-1	--	--	EMULATE	--	--	--	--	70	-4	5.70.30
	0	--	--	EMULATE	--	--	--	--	70	-1	5.70.40
	+1	--	--	EMULATE	--	--	--	--	70	0	5.70.50
80	-4	SBID+EP	--	REAL BSPF	--	--	--	--	00	--	5.80.00
	-3	--	--	EMULATE	--	--	--	--	80	-4	5.80.10
	-2	--	--	EMULATE	--	--	--	--	80	-4	5.80.20
	-1	--	--	EMULATE	--	--	--	--	80	-4	5.80.30
	0	--	--	EMULATE	--	--	--	--	80	-1	5.80.40
	+1	--	--	EMULATE	--	--	--	--	80	0	5.80.50

F I G. 229

PRE - PROCESS				OPERATION	POST - PROCESS				PROCESS ID	
ES	EP	RE-POSITION	RESTORE		BLOCK	SAVE	BID PROCESS			
								ES	EP	
31	--	--	--	REAL BSPF	--	--	--	00	--	5.31.00
41	-4	SBID+EP	--	REAL BSPF	--	--	--	00	--	5.41.00
	-3	--	--	EMULATE	--	--	--	41	-4	5.41.10
	-2	--	--	EMULATE	--	--	--	41	-4	5.41.20
	-1	--	--	EMULATE	--	--	--	41	-4	5.41.30
	0	--	--	EMULATE	--	--	--	41	-1	5.41.40
	51	--	--	REAL BSPF	TM	--	SBID←REAL BID WHEN (SBID)-(REAL BID)=1	61	--	5.51.00
61	-4	SBID+EP	--	REAL BSPF	--	--	--	00	--	5.61.00
	-3	--	--	EMULATE	--	--	--	61	-4	5.61.10
	-2	--	--	EMULATE	--	--	--	61	-4	5.61.20
	-1	--	--	EMULATE	--	--	--	61	-4	5.61.30
	0	--	--	EMULATE	--	--	--	61	-1	5.61.40
	+1	--	--	EMULATE	--	--	--	61	0	5.61.50
71	-4	WTM SBID+EP	--	REAL BSPF	--	--	--	00	--	5.71.00
	-3	--	--	EMULATE	--	--	--	71	-4	5.71.10
	-2	--	--	EMULATE	--	--	--	71	-4	5.71.20
	-1	--	--	EMULATE	--	--	--	71	-4	5.71.30
	0	--	--	EMULATE	--	--	--	71	-1	5.71.40
	+1	--	--	EMULATE	--	--	--	71	0	5.71.50
81	-4	SBID+EP	--	REAL BSPF	--	--	--	00	--	5.81.00
	-3	--	--	EMULATE	--	--	--	81	-4	5.81.10
	-2	--	--	EMULATE	--	--	--	81	-4	5.81.20
	-1	--	--	EMULATE	--	--	--	81	-4	5.81.30
	0	--	--	EMULATE	--	--	--	81	-1	5.81.40
	+1	--	--	EMULATE	--	--	--	81	0	5.81.50

FIG. 230

PRE - PROCESS				OPERATION	POST - PROCESS				PROCESS ID	
ES	EP	RE-POSITION	RESTORE		BLOCK	SAVE	BID PROCESS			
22	--	--	--	REAL BSPF	--	--	--	--	00	--
32	--	--	--	REAL BSPF	--	--	--	--	00	--
-4	SB1D+EP	--	--	REAL BSPF	--	--	--	--	00	--
-3	--	--	--	EMULATE	--	--	--	--	42	-4
42	-2	--	--	EMULATE	--	--	--	--	42	-4
-1	--	--	--	EMULATE	--	--	--	--	42	-4
0	--	--	--	EMULATE	--	--	--	--	42	-1
52	--	--	--	REAL BSPF	TM	--	SB1D↔REAL BID WHEN (SB1D)-(REAL BID)=1		62	--
-4	SB1D+EP	--	--	REAL BSPF	--	--	--	--	00	--
-3	--	--	--	EMULATE	--	--	--	--	62	-4
62	-2	--	--	EMULATE	--	--	--	--	62	-4
-1	--	--	--	EMULATE	--	--	--	--	62	-4
0	--	--	--	EMULATE	--	--	--	--	62	-1
+1	--	--	--	EMULATE	--	--	--	--	62	0
-4	WTM SB1D+EP	--	--	REAL BSPF	--	--	--	--	00	--
-3	--	--	--	EMULATE	--	--	--	--	72	-4
72	-2	--	--	EMULATE	--	--	--	--	72	-4
-1	--	--	--	EMULATE	--	--	--	--	72	-4
0	--	--	--	EMULATE	--	--	--	--	72	-1
+1	--	--	--	EMULATE	--	--	--	--	72	0
-4	SB1D+EP	--	--	REAL BSPF	--	--	--	--	00	--
-3	--	--	--	EMULATE	--	--	--	--	82	-4
82	-2	--	--	EMULATE	--	--	--	--	82	-4
-1	--	--	--	EMULATE	--	--	--	--	82	-4
0	--	--	--	EMULATE	--	--	--	--	82	-1
+1	--	--	--	EMULATE	--	--	--	--	82	0

FIG. 231

PRE - PROCESS				OPERATION	POST - PROCESS				PROCESS ID	
ES	EP	RE-POSITION	RESTORE		BLOCK	SAVE	BID PROCESS			
									ES	EP
33	--	--	--	REAL BSPF	--	--	--	--	00	--
43	-4	SBID+EP	--	REAL BSPF	--	--	--	--	00	--
	-3	--	--	EMULATE	--	--	--	--	43	-4
	-2	--	--	EMULATE	--	--	--	--	43	-4
	-1	--	--	EMULATE	--	--	--	--	43	-4
	0	--	--	EMULATE	--	--	--	--	43	-1
53	--	--	--	REAL BSPF	TM	--	SBID=REAL BID WHEN (SBID)-(REAL BID)=1		63	--
63	-4	SBID+EP	--	REAL BSPF	--	--	--	--	00	--
	-3	--	--	EMULATE	--	--	--	--	63	-4
	-2	--	--	EMULATE	--	--	--	--	63	-4
	-1	--	--	EMULATE	--	--	--	--	63	-4
	0	--	--	EMULATE	--	--	--	--	63	-1
	+1	--	--	EMULATE	--	--	--	--	63	0
73	-4	WTM SBID+EP	--	REAL BSPF	--	--	--	--	00	--
	-3	--	--	EMULATE	--	--	--	--	73	-4
	-2	--	--	EMULATE	--	--	--	--	73	-4
	-1	--	--	EMULATE	--	--	--	--	73	-4
	0	--	--	EMULATE	--	--	--	--	73	-1
	+1	--	--	EMULATE	--	--	--	--	73	0
83	-4	SBID+EP	--	REAL BSPF	--	--	--	--	00	--
	-3	--	--	EMULATE	--	--	--	--	83	-4
	-2	--	--	EMULATE	--	--	--	--	83	-4
	-1	--	--	EMULATE	--	--	--	--	83	-4
	0	--	--	EMULATE	--	--	--	--	83	-1
	+1	--	--	EMULATE	--	--	--	--	83	0

FIG. 232

PRE - PROCESS				OPERATION	POST - PROCESS				PROCESS ID		
ES	EP	RE-POSITION	RESTORE		BLOCK	SAVE	BID PROCESS		ES	EP	
00	--	--	--	REAL SP	TM	--	SBID←REAL BID		10	--	6.00.00
					OTHERS	--			00	--	6.00.01
10	--	--	--	REAL SP	EOF	--			22	--	6.10.00
					TM	--	SBID←REAL BID		10	--	6.10.01
					OTHERS	--			00	--	6.10.02
20	--	--	--	REAL SP	EOF	--			31	--	6.20.00
					TM	--	SBID←REAL BID		10	--	6.20.01
					OTHERS	--			00	--	6.20.02
30	--	--	--	REAL SP	TM	--	SBID←REAL BID WHEN (REAL BID)-(SBID)=3		40	0	6.30.00
					OTHERS	--			00	--	6.30.01
40	-4	--	--	REAL SP	EMULATE	--			40	-3	6.40.00
	-3	--	--		EMULATE	--			40	-2	6.40.10
	-2	--	--		EMULATE	--			40	-1	6.40.20
	-1	--	--		EMULATE	--			40	0	6.40.30
	0	--	--		EOF	--			22	--	6.40.40
50				REAL SP	TM	--	SBID←REAL BID WHEN (REAL BID)-(SBID)=1		50	--	6.40.41
					OTHERS	--			00	--	6.40.42
					EOD	--			80	+1	6.40.43
					EOF	--			22	--	6.50.00
60	--	--	--	REAL SP	TM	--	SBID←REAL BID		10	--	6.50.01
					OTHERS	--			00	--	6.50.02
					EMULATE	--			60	-3	6.60.00
60	-4	--	--	REAL SP	EMULATE	--			60	-2	6.60.10
	-3	--	--		EMULATE	--			60	-1	6.60.20
	-2	--	--		EMULATE	--			60	0	6.60.30
	-1	--	--		EMULATE	--			60	+1	6.60.40
	0	--	--		EMULATE	--			22	--	6.60.50
+1	SBID+EP		--		EOF	--	SBID+1		10	--	6.60.51
					TM	--	SBID←REAL BID		00	--	6.60.52
OTHERS											

F I G. 233

PRE - PROCESS				OPERATION	POST - PROCESS				PROCESS ID	
ES	EP	RE-POSITION	RESTORE		BLOCK	SAVE	BID PROCESS		ES	EP
70	-4	--	--	EMULATE	--	--	--	--	70	-3
	-3	--	--		--	--	--	--	70	-2
	-2	--	--		--	--	--	--	70	-1
	-1	--	--		--	--	--	--	70	0
	0	--	--		--	--	--	--	70	+1
	+1	WTM	--	REAL SP	EOF	--	SBID+1		22	--
					TM	--	SBID=REAL BID		10	--
80	-4	--	--	EMULATE	--	--	--	--	80	-3
	-3	--	--		--	--	--	--	80	-2
	-2	--	--		--	--	--	--	80	-1
	-1	--	--		--	--	--	--	80	0
	0	--	--		--	--	--	--	80	+1
	+1	--	--	REAL SP	EOD	--	--	--	00	--

FIG. 234

PRE - PROCESS				OPERATION	POST - PROCESS				PROCESS ID	
ES	EP	RE-POSITION	RESTORE		BLOCK	SAVE	BID PROCESS			
31	--	--	--	REAL SP	TM	--	SBID←REAL BID WHEN (REAL BID)-(SBID)=3		41	0 6.31.00
					OTHERS	--	--		00	-- 6.31.01
41	-4	--	--	EMULATE	--	--	--		41	-3 6.41.00
	-3	--	--		--	--	--		41	-2 6.41.10
	-2	--	--		--	--	--		41	-1 6.41.20
	-1	--	--		--	--	--		41	0 6.41.30
	0	--	--		EOF	--	--		22	-- 6.41.40
51	--	--	--	REAL SP	TM	--	SBID←REAL BID WHEN (REAL BID)-(SBID)=1		51	-- 6.41.41
					OTHERS	--	--		00	-- 6.41.42
					EOD	--	--		81	+1 6.41.43
					EOF	--	--		22	-- 6.51.00
61	--	--	--	REAL SP	TM	--	SBID←REAL BID		10	-- 6.51.01
					OTHERS	--	--		00	-- 6.51.02
					EMULATE	--	--		61	-3 6.61.00
61	-4	--	--	EMULATE	--	--	--		61	-2 6.61.10
	-3	--	--		--	--	--		61	-1 6.61.20
	-2	--	--		--	--	--		61	0 6.61.30
	-1	--	--		--	--	--		61	+1 6.61.40
+1	SBID+EP	--	--	REAL SP	EOF	--	SBID+1		22	-- 6.61.50
					TM	--	SBID←REAL BID		10	-- 6.61.51
					OTHERS	--	--		00	-- 6.61.52

FIG. 235

PRE - PROCESS				OPERATION	POST - PROCESS				PROCESS ID		
ES	EP	RE-POSITION	RESTORE		BLOCK	SAVE	BID PROCESS				
71	-4	--	--	EMULATE	--	--	--	--	71	-3	6.71.00
	-3	--	--	EMULATE	--	--	--	--	71	-2	6.71.10
	-2	--	--	EMULATE	--	--	--	--	71	-1	6.71.20
	-1	--	--	EMULATE	--	--	--	--	71	0	6.71.30
	0	--	--	EMULATE	--	--	--	--	71	+1	6.71.40
	+1	WTM	--	REAL SP	EOF	--	SBID+1		22	--	6.71.50
					TM	--	SBID←REAL BID		10	--	6.71.51
					OTHERS	--	--		00	--	6.71.52
81	-4	--	--	EMULATE	--	--	--	--	81	-3	6.81.00
	-3	--	--	EMULATE	--	--	--	--	81	-2	6.81.10
	-2	--	--	EMULATE	--	--	--	--	81	-1	6.81.20
	-1	--	--	EMULATE	--	--	--	--	81	0	6.81.30
	0	--	--	EMULATE	--	--	--	--	81	+1	6.81.40
	+1	--	--	REAL SP	EOD	--	--		00	--	6.81.50
							--				

F I G. 236

PRE - PROCESS				OPERATION	POST - PROCESS					PROCESS ID	
ES	EP	RE-POSITION	RESTORE		BLOCK	SAVE	BID PROCESS		ES		
22	--	--	--	REAL SP	EOF	--	--		33	-- 6.22.00	
					TM	--	SBID←REAL BID		10	-- 6.22.01	
					OTHERS	--	--		00	-- 6.22.02	
32	--	--	--	REAL SP	TM	--	SBID←REAL BID WHEN (REAL BID)-(SBID)=3		42	0 6.32.00	
					OTHERS	--	--		00	-- 6.32.01	
42	-4	--	--	EMULATE	EOF	--	--		42	-3 6.42.00	
	-3	--	--		EMULATE	--	--		42	-2 6.42.10	
	-2	--	--		EMULATE	--	--		42	-1 6.42.20	
	-1	--	--		EMULATE	--	--		42	0 6.42.30	
	0	--	--		EOF	--	--		22	-- 6.42.40	
					TM	--	SBID←REAL BID WHEN (REAL BID)-(SBID)=1		52	-- 6.42.41	
					OTHERS	--	--		00	-- 6.42.42	
					EOD	--	--		82	+1 6.42.43	
52	--	--	--	REAL SP	EOF	--	--		22	-- 6.52.00	
					TM	--	SBID←REAL BID		10	-- 6.52.01	
					OTHERS	--	--		00	-- 6.52.02	
62	-4	--	--	EMULATE	EOF	--	--		62	-3 6.62.00	
	-3	--	--		EMULATE	--	--		62	-2 6.62.10	
	-2	--	--		EMULATE	--	--		62	-1 6.62.20	
	-1	--	--		EMULATE	--	--		62	0 6.62.30	
	0	--	--		EOF	--	SBID+1		62	+1 6.62.40	
					TM	--	SBID←REAL BID		22	-- 6.62.50	
					OTHERS	--	--		10	-- 6.62.51	
	+1	SBID+EP	--		EOF	--	--		00	-- 6.62.52	

FIG. 237

ES	EP	PRE - PROCESS		OPERATION	POST - PROCESS				PROCESS ID	
		RE-POSITION	RESTORE		BLOCK	SAVE	BID PROCESS			
72	-4	--	--	EMULATE	--	--	--	--	72	-3
	-3	--	--	EMULATE	--	--	--	--	72	-2
	-2	--	--	EMULATE	--	--	--	--	72	-1
	-1	--	--	EMULATE	--	--	--	--	72	0
	0	--	--	EMULATE	--	--	--	--	72	+1
	+1	WTM	--	REAL SP	EOF	--	SBID+1		22	--
					TM	--	SBID←REAL BID		10	--
					OTHERS	--	--		00	--
82	-4	--	--	EMULATE	--	--	--	--	82	-3
	-3	--	--	EMULATE	--	--	--	--	82	-2
	-2	--	--	EMULATE	--	--	--	--	82	-1
	-1	--	--	EMULATE	--	--	--	--	82	0
	0	--	--	EMULATE	--	--	--	--	82	+1
	+1	--	--	REAL SP	EOD	--	--		00	--
							6.72.00			
							6.72.10			
							6.72.20			
							6.72.30			
							6.72.40			
							6.72.50			
							6.72.51			
							6.72.52			
							6.82.00			
							6.82.10			
							6.82.20			
							6.82.30			
							6.82.40			
							6.82.50			

FIG. 238

PRE - PROCESS				OPERATION	POST - PROCESS				PROCESS ID		
ES	EP	RE-POSITION	RESTORE		BLOCK	SAVE	BID PROCESS				
				TM	--	SBID←REAL BID WHEN (REAL BID)-(SBID)=3		ES	EP		
33	--	--	--	REAL SP	OTHERS	--			00	--	6.33.01
	-4	--	--	EMULATE	--	--			43	-3	6.43.00
	-3	--	--	EMULATE	--	--			43	-2	6.43.10
	-2	--	--	EMULATE	--	--			43	-1	6.43.20
	-1	--	--	EMULATE	--	--			43	0	6.43.30
43				EOF	--	--			22	--	6.43.40
				REAL SP	TM	--	SBID←REAL BID WHEN (REAL BID)-(SBID)=1		53	--	6.43.41
	0	--	--	REAL SP	OTHERS	--			00	--	6.43.42
				REAL SP	EOD	--			83	+1	6.43.43
53	--	--	--	REAL SP	EOF	--			22	--	6.53.00
				REAL SP	TM	--	SBID←REAL BID		10	--	6.53.01
				REAL SP	OTHERS	--			00	--	6.53.02
	-4	--	--	EMULATE	--	--			63	-3	6.63.00
	-3	--	--	EMULATE	--	--			63	-2	6.63.10
	-2	--	--	EMULATE	--	--			63	-1	6.63.20
	-1	--	--	EMULATE	--	--			63	0	6.63.30
63	0	--	--	EMULATE	--	--			63	+1	6.63.40
				REAL SP	EOF	--	SBID+1		22	--	6.63.50
	+1	SBID+EP	--	REAL SP	TM	--	SBID←REAL BID		10	--	6.63.51
				REAL SP	OTHERS	--			00	--	6.63.52

FIG. 239

PRE - PROCESS				OPERATION	POST - PROCESS				PROCESS ID	
ES	EP	RE-POSITION	RESTORE		BLOCK	SAVE	BID PROCESS		ES	EP
73	-4	--	--	EMULATE	--	--	--	--	73	-3
	-3	--	--	EMULATE	--	--	--	--	73	-2
	-2	--	--	EMULATE	--	--	--	--	73	-1
	-1	--	--	EMULATE	--	--	--	--	73	0
	0	--	--	EMULATE	--	--	--	--	73	+1
	+1	WTM	--	REAL SP	EOF	--	SBID+1		22	--
					TM	--	SBID←REAL BID		10	--
					OTHERS	--	--		00	--
83	-4	--	--	EMULATE	--	--	--	--	83	-3
	-3	--	--	EMULATE	--	--	--	--	83	-2
	-2	--	--	EMULATE	--	--	--	--	83	-1
	-1	--	--	EMULATE	--	--	--	--	83	0
	0	--	--	EMULATE	--	--	--	--	83	+1
	+1	--	--	REAL SP	EOD	--	--		00	--

F I G. 240

PRE - PROCESS				OPERATION	POST - PROCESS				PROCESS ID	
ES	EP	RE-POSITION	RESTORE		BLOCK	SAVE	BID PROCESS			
00	--	--	--	REAL FSPF	TM	--	SBID←REAL BID	10	--	7.00.00
					OTHERS	--	--	00	--	7.00.01
10	--	--	--	REAL FSPF	TM	--	SBID←REAL BID WHEN (REAL BID)-(SBID)=3	43	0	7.10.00
						--	SBID←REAL BID WHEN (REAL BID)-(SBID)≠3	10	--	7.10.01
					OTHERS	--	--	00	--	7.10.02
20	--	--	--	REAL FSPF	TM	--	SBID←REAL BID WHEN (REAL BID)-(SBID)=3	41	0	7.20.00
						--	SBID←REAL BID WHEN (REAL BID)-(SBID)≠3	10	--	7.20.01
					OTHERS	--	--	00	--	7.20.02
30	--	--	--	REAL FSPF	TM	--	SBID←REAL BID WHEN (REAL BID)-(SBID)=3	40	0	7.30.00
						--	SBID←REAL BID WHEN (REAL BID)-(SBID)≠3	10	--	7.30.01
					OTHERS	--	--	00	--	7.30.02
40	-4	--	--	EMULATE	--	--	--	40	-3	7.40.00
	-3	--	--	EMULATE	--	--	--	40	0	7.40.10
	-2	--	--	EMULATE	--	--	--	40	0	7.40.20
	-1	--	--	EMULATE	--	--	--	40	0	7.40.30
40	0	--	--	REAL FSPF	TM	--	SBID←REAL BID WHEN (REAL BID)-(SBID)=3	43	0	7.40.40
						--	SBID←REAL BID WHEN (REAL BID)-(SBID)=1	50	--	7.40.41
					OTHERS	--	SBID←REAL BID WHEN (REAL BID)-(SBID)≠1AND3	10	--	7.40.42
					EOD	--	--	00	--	7.40.43
							--	80	+1	7.40.44
50	--	--	--	REAL FSPF	TM	--	SBID←REAL BID WHEN (REAL BID)-(SBID)=3	43	0	7.50.00
						--	SBID←REAL BID WHEN (REAL BID)-(SBID)≠3	10	--	7.50.01
					OTHERS	--	--	00	--	7.50.02

FIG. 241

PRE - PROCESS				OPERATION	POST - PROCESS				PROCESS ID	
ES	EP	RE-POSITION	RESTORE		BLOCK	SAVE	BID PROCESS			
									ES	EP
60	-4	--	--	EMULATE	--	--	--	--	60	-3
	-3	--	--	EMULATE	--	--	--	--	60	0
	-2	--	--	EMULATE	--	--	--	--	60	0
	-1	--	--	EMULATE	--	--	--	--	60	0
	0	--	--	EMULATE	--	--	--	--	60	+1
	+1	SBID+EP	--	REAL FSPF	TM	--	SBID←REAL BID WHEN (REAL BID)−(SBID)=3	--	43	0
						--	SBID←REAL BID WHEN (REAL BID)−(SBID)≠3	--	10	--
						--	--	--	00	--
	-4	--	--	EMULATE	--	--	--	--	70	-3
	-3	--	--	EMULATE	--	--	--	--	70	0
70	-2	--	--	EMULATE	--	--	--	--	70	0
	-1	--	--	EMULATE	--	--	--	--	70	0
	0	--	--	EMULATE	--	--	--	--	70	+1
	+1	WTM	--	REAL FSPF	TM	--	SBID←REAL BID WHEN (REAL BID)−(SBID)=3	--	43	0
						--	SBID←REAL BID WHEN (REAL BID)−(SBID)≠3	--	10	--
						--	--	--	00	--
	-4	--	--	EMULATE	--	--	--	--	80	-3
	-3	--	--	EMULATE	--	--	--	--	80	0
	-2	--	--	EMULATE	--	--	--	--	80	0
	-1	--	--	EMULATE	--	--	--	--	80	0
	0	--	--	EMULATE	--	--	--	--	80	+1
	+1	--	--	REAL FSPF	EOD	--	--	--	00	--

F I G. 242

PRE - PROCESS				OPERATION	POST - PROCESS				PROCESS ID	
ES	EP	RE-POSITION	RESTORE		BLOCK	SAVE	BID PROCESS			
										ES
				REAL FSPF	TM	--	SBID←REAL BID WHEN (REAL BID)-(SBID)=3	41	0	7.31.00
31	--	--	--			--	SBID←REAL BID WHEN (REAL BID)-(SBID)≠3	10	--	7.31.01
					OTHERS	--	--	00	--	7.31.02
	-4	--	--	EMULATE	REAL FSPF	--	--	41	-3	7.41.00
	-3	--	--			--	--	41	0	7.41.10
	-2	--	--			--	--	41	0	7.41.20
	-1	--	--			--	--	41	0	7.41.30
	0	--	--		TM	--	SBID←REAL BID WHEN (REAL BID)-(SBID)=3	43	0	7.41.40
						--	SBID←REAL BID WHEN (REAL BID)-(SBID)=1	51	--	7.41.41
						--	SBID←REAL BID WHEN (REAL BID)-(SBID)≠1AND3	10	--	7.41.42
						OTHERS	--	00	--	7.41.43
					EOD	--	--	81	+1	7.41.44
						--	--			
51	--	--	--	REAL FSPF	TM	--	SBID←REAL BID WHEN (REAL BID)-(SBID)=3	43	0	7.51.00
						--	SBID←REAL BID WHEN (REAL BID)-(SBID)≠3	10	--	7.51.01
					OTHERS	--	--	00	--	7.51.02
	-4	--	--	EMULATE	REAL FSPF	--	--	61	-3	7.61.00
	-3	--	--			--	--	61	0	7.61.10
	-2	--	--			--	--	61	0	7.61.20
	-1	--	--			--	--	61	0	7.61.30
	0	--	--		TM	--	SBID←REAL BID WHEN (REAL BID)-(SBID)=3	61	+1	7.61.40
	+1	SBID+EP	--			--	SBID←REAL BID WHEN (REAL BID)-(SBID)≠3	43	0	7.61.50
						OTHERS	--	10	--	7.61.51
						--	--	00	--	7.61.52

FIG. 243

PRE - PROCESS				OPERATION	POST - PROCESS				PROCESS ID		
ES	EP	RE-POSITION	RESTORE		BLOCK	SAVE	BID PROCESS				
71	-4	--	--	EMULATE	--	--	--	--	71	-3	7.71.00
	-3	--	--	EMULATE	--	--	--	--	71	0	7.71.10
	-2	--	--	EMULATE	--	--	--	--	71	0	7.71.20
	-1	--	--	EMULATE	--	--	--	--	71	0	7.71.30
	0	--	--	EMULATE	--	--	--	--	71	+1	7.71.40
	+1	WTM	--	REAL FSPF	TM	--	SBID←REAL BID WHEN (REAL BID)-(SBID)=3		43	0	7.71.50
						--	SBID←REAL BID WHEN (REAL BID)-(SBID)≠3		10	--	7.71.51
					OTHERS	--	--		00	--	7.71.52
81	-4	--	--	EMULATE	--	--	--	--	81	-3	7.81.00
	-3	--	--	EMULATE	--	--	--	--	81	0	7.81.10
	-2	--	--	EMULATE	--	--	--	--	81	0	7.81.20
	-1	--	--	EMULATE	--	--	--	--	81	0	7.81.30
	0	--	--	EMULATE	--	--	--	--	81	+1	7.81.40
	+1	--	--	REAL FSPF	EOD	--	--	--	00	--	7.81.50

FIG. 244

PRE - PROCESS				OPERATION	POST - PROCESS					PROCESS ID
ES	EP	RE-POSITION	RESTORE		BLOCK	SAVE	BID PROCESS		ES	
22	--	--	--	REAL FSPF	TM	--	SBID←REAL BID WHEN (REAL BID)-(SBID)=3		43	0 7.22.00
						--	SBID←REAL BID WHEN (REAL BID)-(SBID)≠3		10	-- 7.22.01
					OTHERS	--	--		00	-- 7.22.02
32	--	--	--	REAL FSPF	TM	--	SBID←REAL BID WHEN (REAL BID)-(SBID)=3		42	0 7.32.00
						--	SBID←REAL BID WHEN (REAL BID)-(SBID)≠3		10	-- 7.32.01
					OTHERS	--	--		00	-- 7.32.02
42	-4	--	--	EMULATE	TM	--	--		42	-3 7.42.00
	-3	--	--			--	--		42	0 7.42.10
	-2	--	--			--	--		42	0 7.42.20
	-1	--	--			--	--		42	0 7.42.30
	0	--	--	REAL FSPF	TM	--	SBID←REAL BID WHEN (REAL BID)-(SBID)=3		43	0 7.42.40
						--	SBID←REAL BID WHEN (REAL BID)-(SBID)=1		52	-- 7.42.41
						--	SBID←REAL BID WHEN (REAL BID)-(SBID)≠1 AND 3		10	-- 7.42.42
					OTHERS	--	--		00	-- 7.42.43
					EOD	--	--		82	+1 7.42.44
52	--	--	--	REAL FSPF	TM	--	SBID←REAL BID WHEN (REAL BID)-(SBID)=3		43	0 7.52.00
						--	SBID←REAL BID WHEN (REAL BID)-(SBID)≠3		10	-- 7.52.01
						--	--		00	-- 7.52.02
62	-4	--	--	EMULATE	TM	--	--		62	-3 7.62.00
	-3	--	--			--	--		62	0 7.62.10
	-2	--	--			--	--		62	0 7.62.20
	-1	--	--			--	--		62	0 7.62.30
	0	--	--	EMULATE	REAL FSPF	--	--		62	+1 7.62.40
						--	SBID←REAL BID WHEN (REAL BID)-(SBID)=3		43	0 7.62.50
						--	SBID←REAL BID WHEN (REAL BID)-(SBID)≠3		10	-- 7.62.51
						--	--		00	-- 7.62.52

FIG. 245

PRE - PROCESS				OPERATION	POST - PROCESS					PROCESS ID	
ES	EP	RE-POSITION	RESTORE		BLOCK	SAVE	BID PROCESS		ES		
72	-4	--	--	EMULATE	--	--	--		72	-3	7.72.00
	-3	--	--	EMULATE	--	--	--		72	0	7.72.10
	-2	--	--	EMULATE	--	--	--		72	0	7.72.20
	-1	--	--	EMULATE	--	--	--		72	0	7.72.30
	0	--	--	EMULATE	--	--	--		72	+1	7.72.40
	+1	WTM	--	REAL FSPF	TM	--	SBID ← REAL BID WHEN (REAL BID) - (SBID) = 3		43	0	7.72.50
						--	SBID ← REAL BID WHEN (REAL BID) - (SBID) ≠ 3		10	--	7.72.51
						OTHERS	--		00	--	7.72.52
82	-4	--	--	EMULATE	--	--	--		82	-3	7.82.00
	-3	--	--	EMULATE	--	--	--		82	0	7.82.10
	-2	--	--	EMULATE	--	--	--		82	0	7.82.20
	-1	--	--	EMULATE	--	--	--		82	0	7.82.30
	0	--	--	EMULATE	--	--	--		82	+1	7.82.40
	+1	--	--	REAL FSPF	EOD	--	--		00	--	7.82.50

FIG. 246

PRE - PROCESS				OPERATION	POST - PROCESS					PROCESS ID	
ES	EP	RE-POSITION	RESTORE		BLOCK	SAVE	BID PROCESS		ES		
33	--	--	--	REAL FSPF	TM	--	SBID←REAL BID WHEN (REAL BID)-(SBID)=3		43	0 7.33.00	
						--	SBID←REAL BID WHEN (REAL BID)-(SBID)≠3		10	-- 7.33.01	
					OTHERS	--	--		00	-- 7.33.02	
43	-4	--	--	EMULATE	--	--	--		43	-3 7.43.00	
	-3	--	--		--	--	--		43	0 7.43.10	
	-2	--	--		--	--	--		43	0 7.43.20	
	-1	--	--		--	--	--		43	0 7.43.30	
	0	--	--		TM	--	SBID←REAL BID WHEN (REAL BID)-(SBID)=3		43	0 7.43.40	
						--	SBID←REAL BID WHEN (REAL BID)-(SBID)=1		53	-- 7.43.41	
					REAL FSPF	--	SBID←REAL BID WHEN (REAL BID)-(SBID)≠1 AND3		10	-- 7.43.42	
						--	--		00	-- 7.43.43	
					EOD	--	--		83	+1 7.43.44	
53	--	--	--	REAL FSPF	TM	--	SBID←REAL BID WHEN (REAL BID)-(SBID)=3		43	0 7.53.00	
						--	SBID←REAL BID WHEN (REAL BID)-(SBID)≠3		10	-- 7.53.01	
					OTHERS	--	--		00	-- 7.53.02	
63	-4	--	--	EMULATE	--	--	--		63	-3 7.63.00	
	-3	--	--		--	--	--		63	0 7.63.10	
	-2	--	--		--	--	--		63	0 7.63.20	
	-1	--	--		--	--	--		63	0 7.63.30	
	0	--	--		--	--	--		63	+1 7.63.40	
			REAL FSPF	TM	--	SBID←REAL BID WHEN (REAL BID)-(SBID)=3		43	0 7.63.50		
					--	SBID←REAL BID WHEN (REAL BID)-(SBID)≠3		10	-- 7.63.51		
				OTHERS	--	--		00	-- 7.63.52		

FIG. 247

PRE - PROCESS				OPERATION	POST - PROCESS					PROCESS ID		
ES	EP	RE-POSITION	RESTORE		BLOCK	SAVE	BID PROCESS		ES			
73	-4	--	--	EMULATE	--	--	--		73	-3	7.73.00	
	-3	--	--		--	--	--		73	0	7.73.10	
	-2	--	--		--	--	--		73	0	7.73.20	
	-1	--	--		--	--	--		73	0	7.73.30	
	0	--	--		--	--	--		73	+1	7.73.40	
	+1	WTM	--	REAL FSPF	--	SBID←REAL BID WHEN (REAL BID)-(SBID)=3			43	0	7.73.50	
					TM	--	SBID←REAL BID WHEN (REAL BID)-(SBID)≠3			10	--	7.73.51
					OTHERS	--	--			00	--	7.73.52
83	-4	--	--	EMULATE	--	--	--		83	-3	7.83.00	
	-3	--	--	EMULATE	--	--	--		83	0	7.83.10	
	-2	--	--	EMULATE	--	--	--		83	0	7.83.20	
	-1	--	--	EMULATE	--	--	--		83	0	7.83.30	
	0	--	--	EMULATE	--	--	--		83	+1	7.83.40	
	+1	--	--	REAL FSPF	EOD	--	--		00	--	7.83.50	

FIG. 248

PRE - PROCESS				OPERATION	POST - PROCESS				PROCESS ID	
ES	EP	RE-POSITION	RESTORE		BLOCK	SAVE	BID PROCESS	ES	EP	
00	--	--	--	REAL WTM	--	--	SBID←REAL BID	10	--	8.00.00
10	--	--	--	REAL WTM	--	--	SBID←REAL BID	10	--	8.10.00
20	--	--	--	REAL WTM	--	--	SBID←REAL BID	10	--	8.20.00
30	--	--	--	REAL WTM	--	--	SBID←REAL BID WHEN (REAL BID)-(SBID)=3	40	0	8.30.00
40	-4	SBID+EP	--	REAL WTM	--	--	SBID←REAL BID	10	--	8.40.00
	-3	SBID+EP	--	REAL WTM	--	--	SBID←REAL BID	10	--	8.40.10
	-2	SBID+EP	--	REAL WTM	--	--	SBID←REAL BID	10	--	8.40.20
	-1	--	--	EMULATE	--	--	--	40	0	8.40.30
	0	--	--	EMULATE	--	--	--	70	+1	8.40.40
50	--	--	--	REAL WTM	--	--	SBID←REAL BID	10	--	8.50.00
60	-4	SBID+EP	--	REAL WTM	--	--	SBID←REAL BID	10	--	8.60.00
	-3	SBID+EP	--	REAL WTM	--	--	SBID←REAL BID	10	--	8.60.10
	-2	SBID+EP	--	REAL WTM	--	--	SBID←REAL BID	10	--	8.60.20
	-1	SBID+EP	--	REAL WTM	--	--	SBID←REAL BID	10	--	8.60.30
	0	--	--	EMULATE	--	--	--	60	+1	8.60.40
	+1	SBID+EP	--	REAL WTM	--	--	SBID←REAL BID	10	--	8.60.50
70	-4	SBID+EP	--	REAL WTM	--	--	SBID←REAL BID	10	--	8.70.00
	-3	SBID+EP	--	REAL WTM	--	--	SBID←REAL BID	10	--	8.70.10
	-2	SBID+EP	--	REAL WTM	--	--	SBID←REAL BID	10	--	8.70.20
	-1	SBID+EP	--	REAL WTM	--	--	SBID←REAL BID	10	--	8.70.30
	0	--	--	EMULATE	--	--	--	70	+1	8.70.40
	+1	WTM	--	REAL WTM	--	--	SBID←REAL BID	10	--	8.70.50
80	-4	SBID+EP	--	REAL WTM	--	--	SBID←REAL BID	10	--	8.80.00
	-3	SBID+EP	--	REAL WTM	--	--	SBID←REAL BID	10	--	8.80.10
	-2	SBID+EP	--	REAL WTM	--	--	SBID←REAL BID	10	--	8.80.20
	-1	SBID+EP	--	REAL WTM	--	--	SBID←REAL BID	10	--	8.80.30
	0	--	--	EMULATE	--	--	--	80	+1	8.80.40
	+1	WTM	--	REAL WTM	--	--	SBID←REAL BID	10	--	8.80.50

FIG. 249

PRE - PROCESS				OPERATION	POST - PROCESS					PROCESS ID	
ES	EP	RE-POSITION	RESTORE		BLOCK	SAVE	BID PROCESS		ES		
31	--	--	--	REAL WTM	--	--	SBID←REAL BID WHEN (REAL BID)-(SBID)=3		41	0	8.31.00
41	-4	SBID+EP	--	REAL WTM	--	--	SBID←REAL BID		10	--	8.41.00
	-3	SBID+EP	--	REAL WTM	--	--	SBID←REAL BID		10	--	8.41.10
	-2	SBID+EP	--	REAL WTM	--	--	SBID←REAL BID		10	--	8.41.20
	-1	--	--	EMULATE	--	--	--		41	0	8.41.30
	0	--	--	EMULATE	--	--	--		71	+1	8.41.40
51	--	--	--	REAL WTM	--	--	SBID←REAL BID		10	--	8.51.00
61	-4	SBID+EP	--	REAL WTM	--	--	SBID←REAL BID		10	--	8.61.00
	-3	SBID+EP	--	REAL WTM	--	--	SBID←REAL BID		10	--	8.61.10
	-2	SBID+EP	--	REAL WTM	--	--	SBID←REAL BID		10	--	8.61.20
	-1	SBID+EP	--	REAL WTM	--	--	SBID←REAL BID		10	--	8.61.30
	0	--	--	EMULATE	--	--	--		61	+1	8.61.40
	+1	WTM	--	REAL WTM	--	--	SBID←REAL BID		10	--	8.61.50
71	-4	SBID+EP	--	REAL WTM	--	--	SBID←REAL BID		10	--	8.71.00
	-3	SBID+EP	--	REAL WTM	--	--	SBID←REAL BID		10	--	8.71.10
	-2	SBID+EP	--	REAL WTM	--	--	SBID←REAL BID		10	--	8.71.20
	-1	SBID+EP	--	REAL WTM	--	--	SBID←REAL BID		10	--	8.71.30
	0	--	--	EMULATE	--	--	--		71	+1	8.71.40
	+1	WTM	--	REAL WTM	--	--	SBID←REAL BID		10	--	8.71.50
81	-4	SBID+EP	--	REAL WTM	--	--	SBID←REAL BID		10	--	8.81.00
	-3	SBID+EP	--	REAL WTM	--	--	SBID←REAL BID		10	--	8.81.10
	-2	SBID+EP	--	REAL WTM	--	--	SBID←REAL BID		10	--	8.81.20
	-1	SBID+EP	--	REAL WTM	--	--	SBID←REAL BID		10	--	8.81.30
	0	--	--	EMULATE	--	--	--		81	+1	8.81.40
	+1	WTM	--	REAL WTM	--	--	SBID←REAL BID		10	--	8.81.50

FIG. 250

PRE - PROCESS				OPERATION	POST - PROCESS				PROCESS ID	
ES	EP	RE-POSITION	RESTORE		BLOCK	SAVE	BID PROCESS			
22	--	--	--	REAL WTM	--	--	SBID←REAL BID		10	-- 8.22.00
32	--	--	--	REAL WTM	--	--	SBID←REAL BID WHEN (REAL BID)-(SBID)=3		42	0 8.32.00
42	-4	SBID+EP	--	REAL WTM	--	--	SBID←REAL BID		10	-- 8.42.00
	-3	SBID+EP	--	REAL WTM	--	--	SBID←REAL BID		10	-- 8.42.10
	-2	SBID+EP	--	REAL WTM	--	--	SBID←REAL BID		10	-- 8.42.20
	-1	--	--	EMULATE	--	--	--		42	0 8.42.30
	0	--	--	EMULATE	--	--	--		72	+1 8.42.40
	52	--	--	REAL WTM	--	--	SBID←REAL BID		10	-- 8.52.00
62	-4	SBID+EP	--	REAL WTM	--	--	SBID←REAL BID		10	-- 8.62.00
	-3	SBID+EP	--	REAL WTM	--	--	SBID←REAL BID		10	-- 8.62.10
	-2	SBID+EP	--	REAL WTM	--	--	SBID←REAL BID		10	-- 8.62.20
	-1	SBID+EP	--	REAL WTM	--	--	SBID←REAL BID		10	-- 8.62.30
	0	--	--	EMULATE	--	--	--		62	+1 8.62.40
	+1	SBID+EP	--	REAL WTM	--	--	SBID←REAL BID		10	-- 8.62.50
72	-4	SBID+EP	--	REAL WTM	--	--	SBID←REAL BID		10	-- 8.72.00
	-3	SBID+EP	--	REAL WTM	--	--	SBID←REAL BID		10	-- 8.72.10
	-2	SBID+EP	--	REAL WTM	--	--	SBID←REAL BID		10	-- 8.72.20
	-1	SBID+EP	--	REAL WTM	--	--	SBID←REAL BID		10	-- 8.72.30
	0	--	--	EMULATE	--	--	--		72	+1 8.72.40
	+1	WTM	--	REAL WTM	--	--	SBID←REAL BID		10	-- 8.72.50
82	-4	SBID+EP	--	REAL WTM	--	--	SBID←REAL BID		10	-- 8.82.00
	-3	SBID+EP	--	REAL WTM	--	--	SBID←REAL BID		10	-- 8.82.10
	-2	SBID+EP	--	REAL WTM	--	--	SBID←REAL BID		10	-- 8.82.20
	-1	SBID+EP	--	REAL WTM	--	--	SBID←REAL BID		10	-- 8.82.30
	0	--	--	EMULATE	--	--	--		82	+1 8.82.40
	+1	WTM	--	REAL WTM	--	--	SBID←REAL BID		10	-- 8.82.50

F I G. 251

PRE - PROCESS				OPERATION	POST - PROCESS					PROCESS ID	
ES	EP	RE-POSITION	RESTORE		BLOCK	SAVE	BID PROCESS		ES	EP	
33	--	--	--	REAL WTM	--	--	SBID←REAL BID WHEN (REAL BID)-(SBID)=3		43	0	8.33.00
43	-4	SBID+EP	--	REAL WTM	--	--	SBID←REAL BID		10	--	8.43.00
	-3	SBID+EP	--	REAL WTM	--	--	SBID←REAL BID		10	--	8.43.10
	-2	SBID+EP	--	REAL WTM	--	--	SBID←REAL BID		10	--	8.43.20
	-1	--	--	EMULATE	--	--	--		43	0	8.43.30
	0	--	--	EMULATE	--	--	--		73	+1	8.43.40
53	--	--	--	REAL WTM	--	--	SBID←REAL BID		10	--	8.53.00
63	-4	SBID+EP	--	REAL WTM	--	--	SBID←REAL BID		10	--	8.63.00
	-3	SBID+EP	--	REAL WTM	--	--	SBID←REAL BID		10	--	8.63.10
	-2	SBID+EP	--	REAL WTM	--	--	SBID←REAL BID		10	--	8.63.20
	-1	SBID+EP	--	REAL WTM	--	--	SBID←REAL BID		10	--	8.63.30
	0	--	--	EMULATE	--	--	--		63	+1	8.63.40
	+1	SBID+EP	--	REAL WTM	--	--	SBID←REAL BID		10	--	8.63.50
73	-4	SBID+EP	--	REAL WTM	--	--	SBID←REAL BID		10	--	8.73.00
	-3	SBID+EP	--	REAL WTM	--	--	SBID←REAL BID		10	--	8.73.10
	-2	SBID+EP	--	REAL WTM	--	--	SBID←REAL BID		10	--	8.73.20
	-1	SBID+EP	--	REAL WTM	--	--	SBID←REAL BID		10	--	8.73.30
	0	--	--	EMULATE	--	--	--		73	+1	8.73.40
	+1	WTM	--	REAL WTM	--	--	SBID←REAL BID		10	--	8.73.50
83	-4	SBID+EP	--	REAL WTM	--	--	SBID←REAL BID		10	--	8.83.00
	-3	SBID+EP	--	REAL WTM	--	--	SBID←REAL BID		10	--	8.83.10
	-2	SBID+EP	--	REAL WTM	--	--	SBID←REAL BID		10	--	8.83.20
	-1	SBID+EP	--	REAL WTM	--	--	SBID←REAL BID		10	--	8.83.30
	0	--	--	EMULATE	--	--	--		83	+1	8.83.40
	+1	WTM	--	REAL WTM	--	--	SBID←REAL BID		10	--	8.83.50

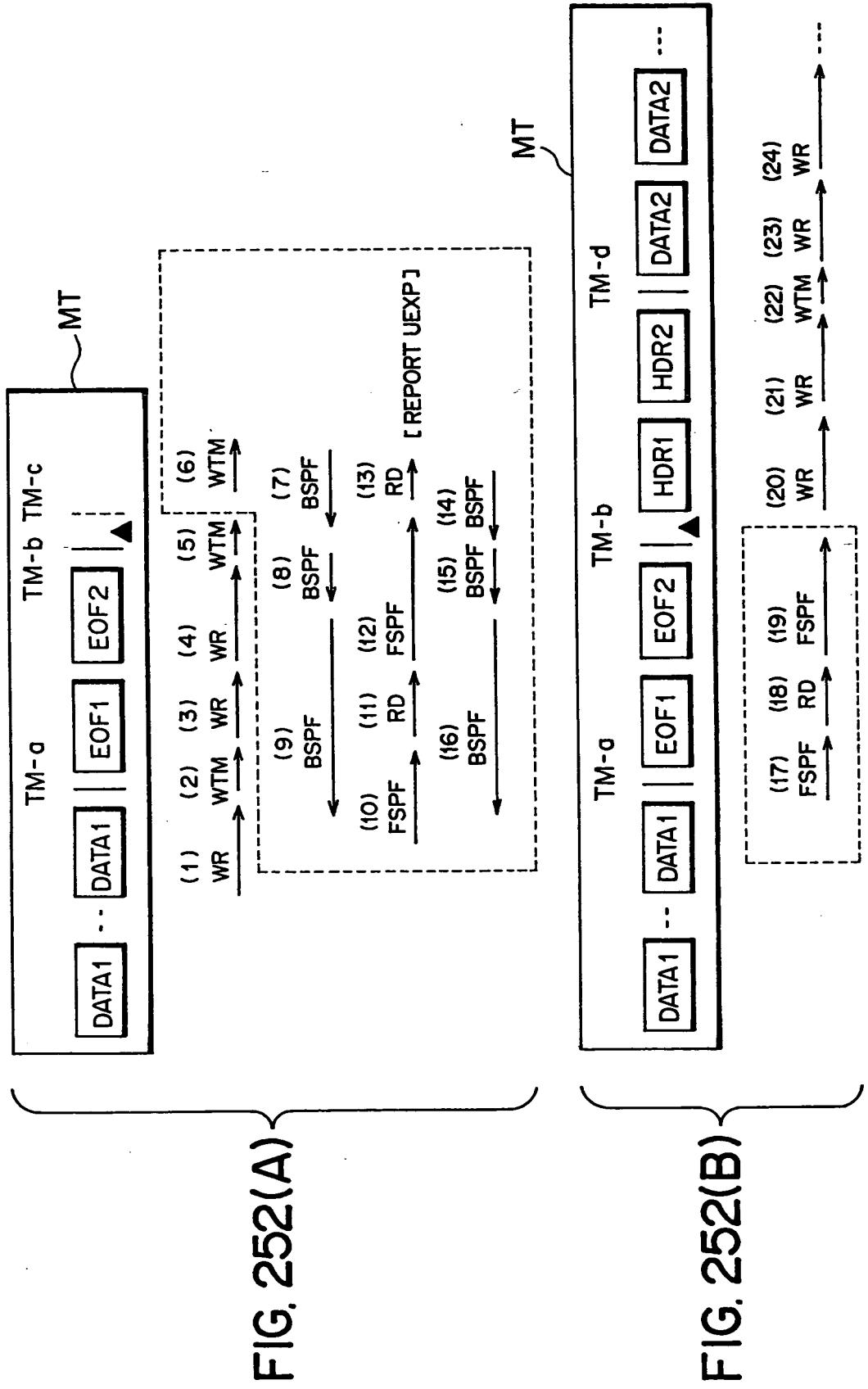


FIG. 253(A)

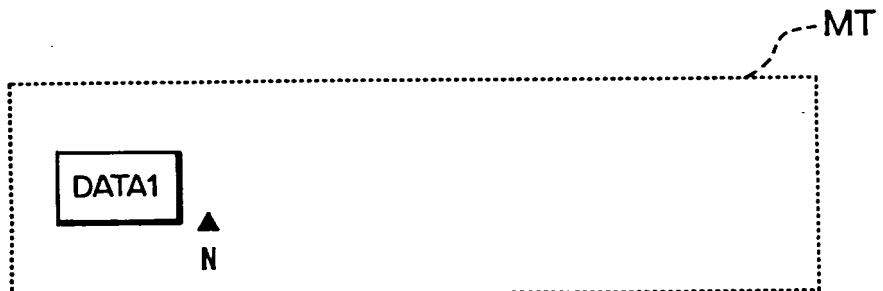


FIG. 253(B)

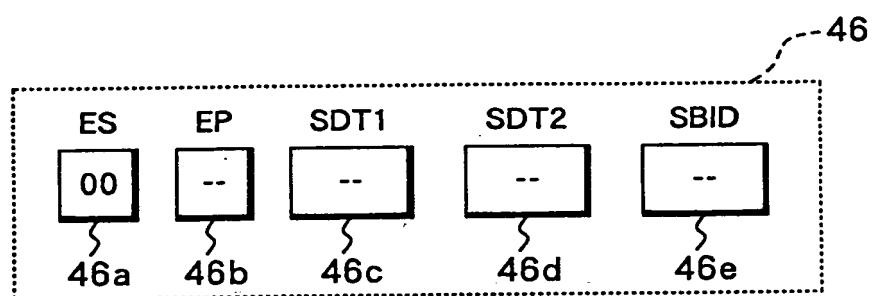


FIG. 254(A)

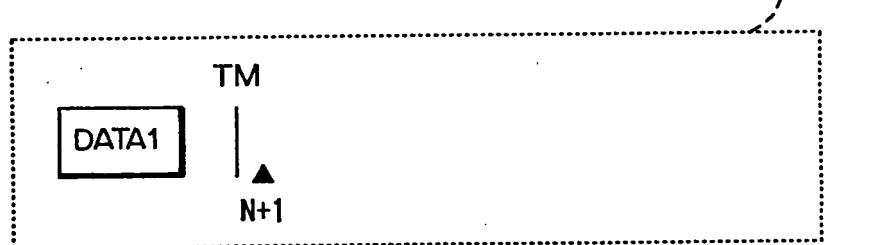


FIG. 254(B)

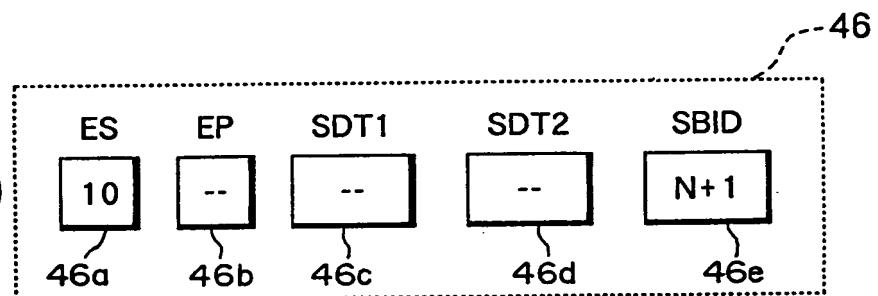


FIG. 255(A)

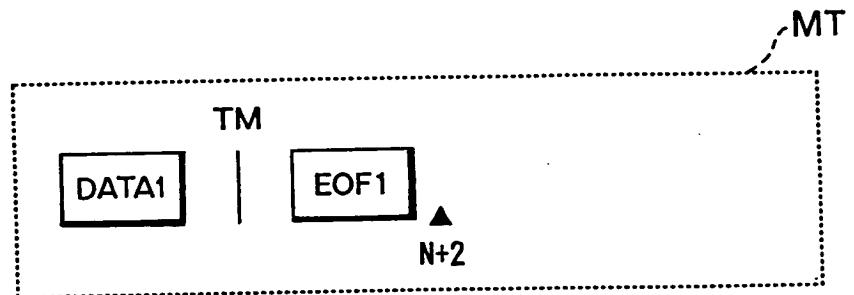


FIG. 255(B)

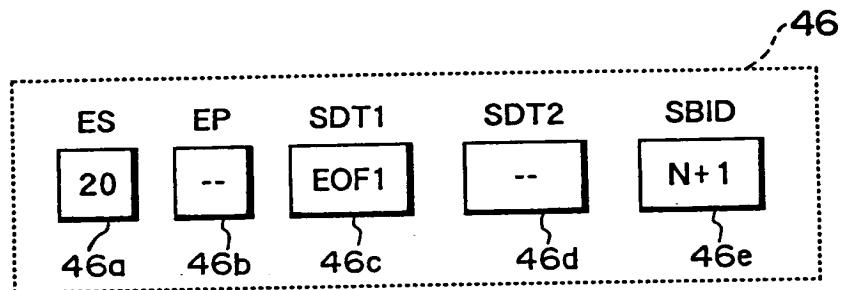


FIG. 256(A)

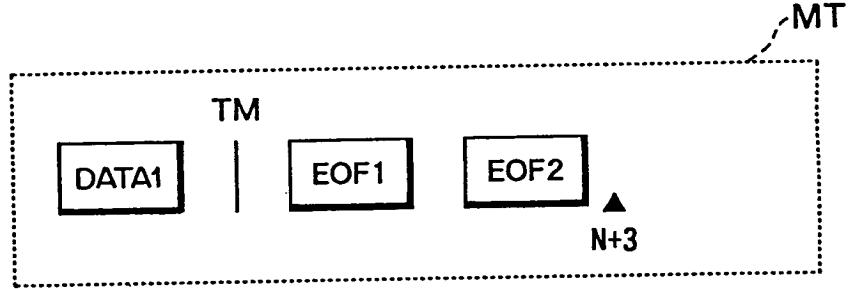


FIG. 256(B)

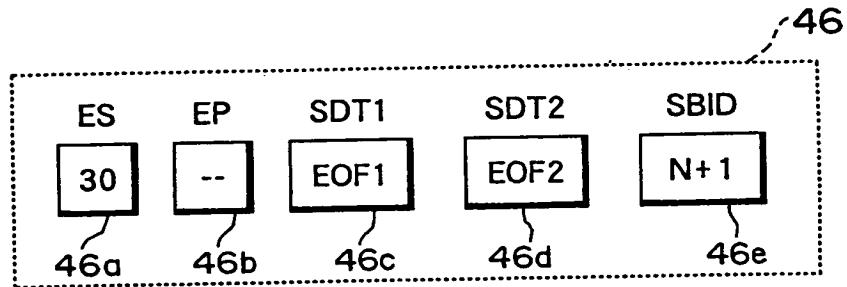


FIG. 257(A)

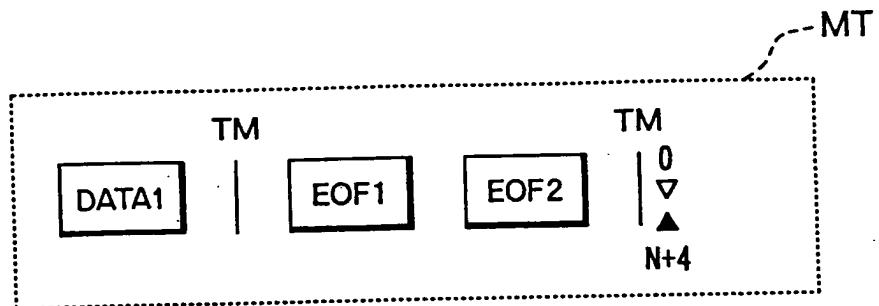


FIG. 257(B)

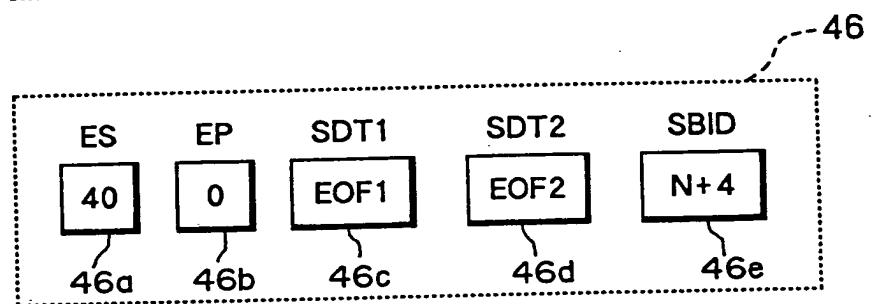


FIG. 258(A)

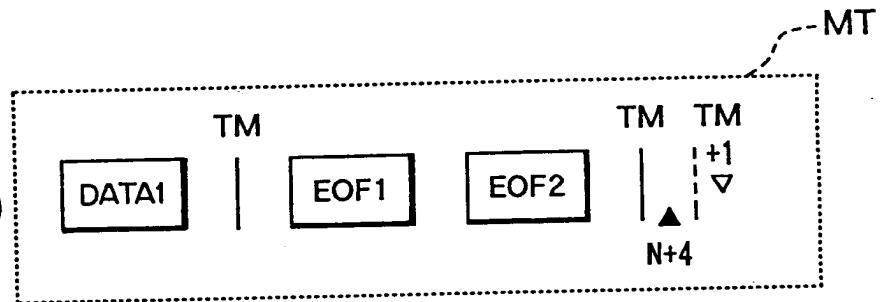


FIG. 258(B)

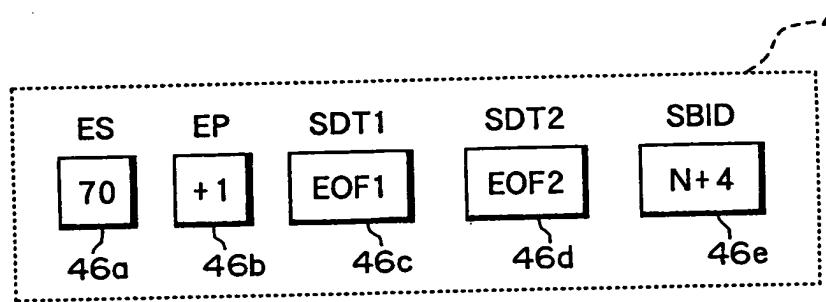


FIG. 259(A)

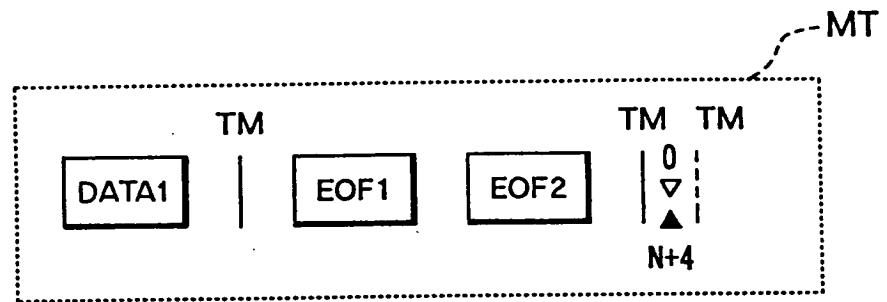


FIG. 259(B)

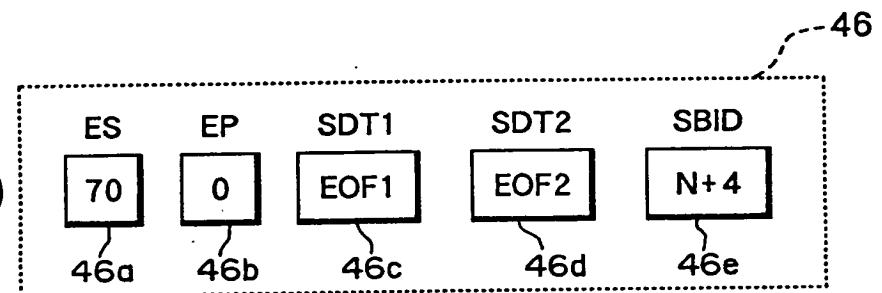


FIG. 260(A)

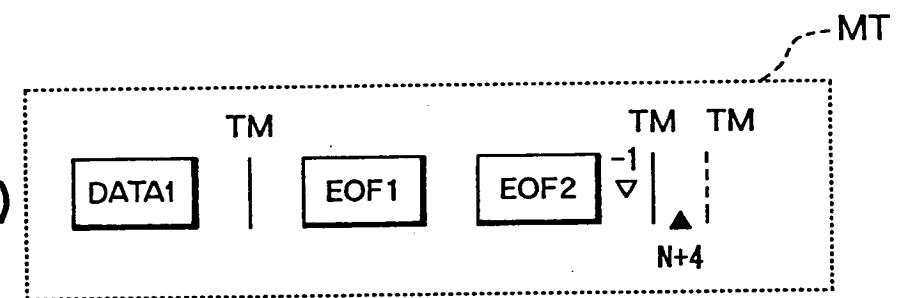


FIG. 260(B)

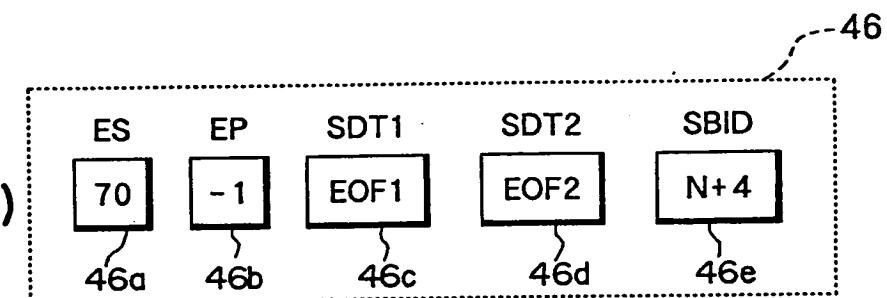


FIG. 261(A)

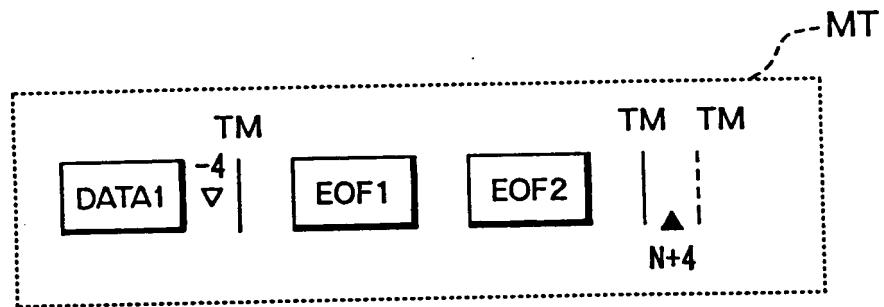


FIG. 261(B)

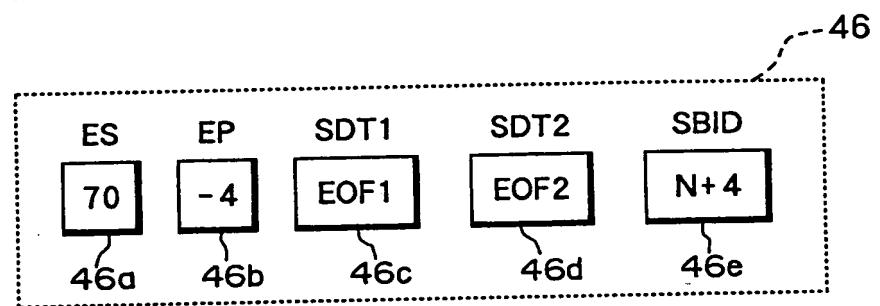


FIG. 262(A)

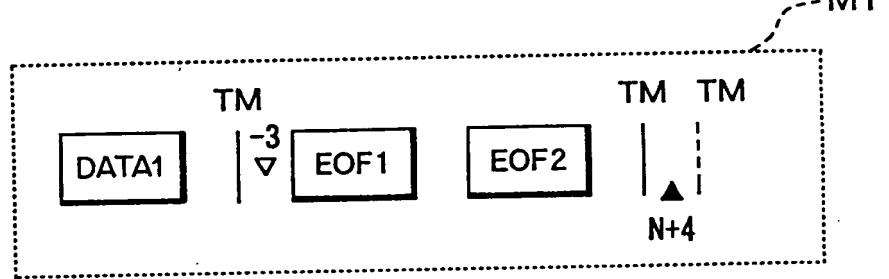


FIG. 262(B)

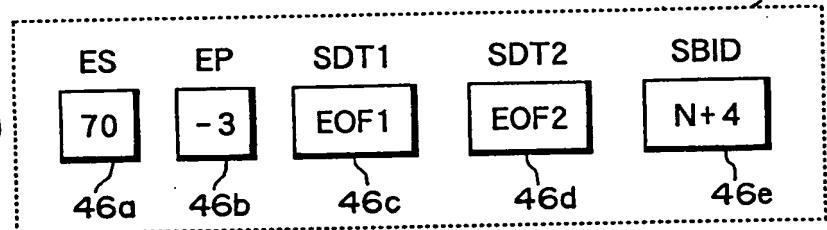


FIG. 263(A)

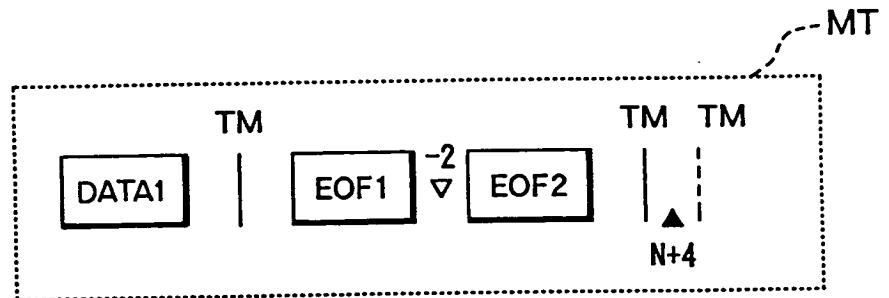


FIG. 263(B)

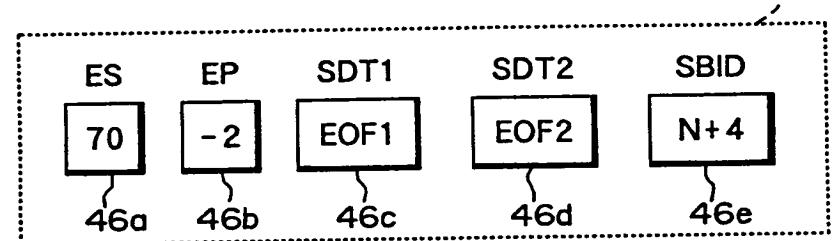


FIG. 264(A)

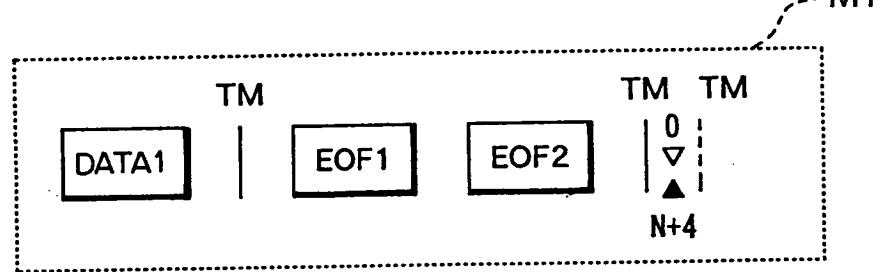


FIG. 264(B)

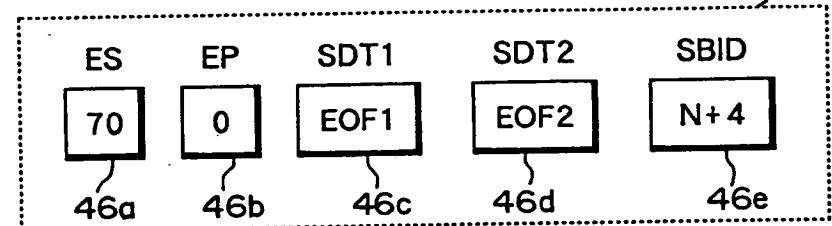


FIG. 265(A)

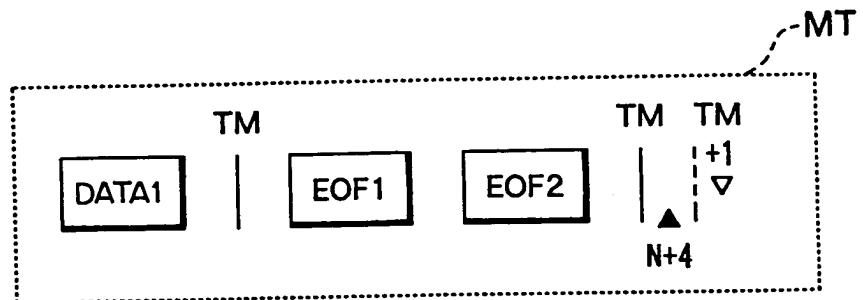


FIG. 265(B)

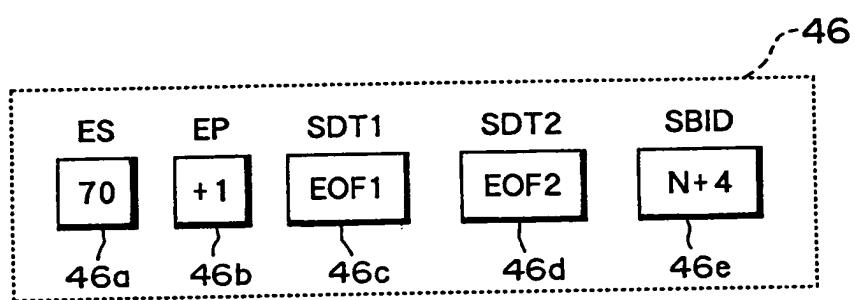


FIG. 266(A)

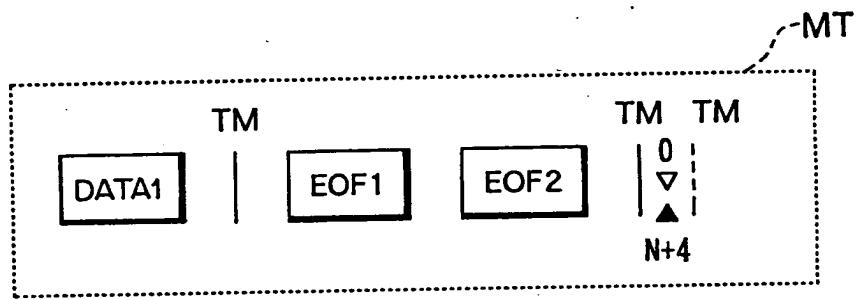


FIG. 266(B)

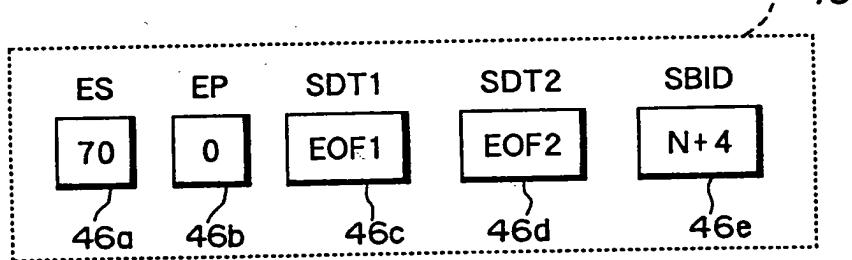


FIG. 267(A)

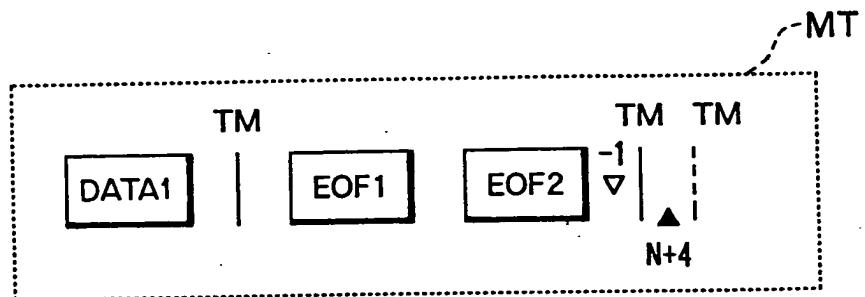


FIG. 267(B)

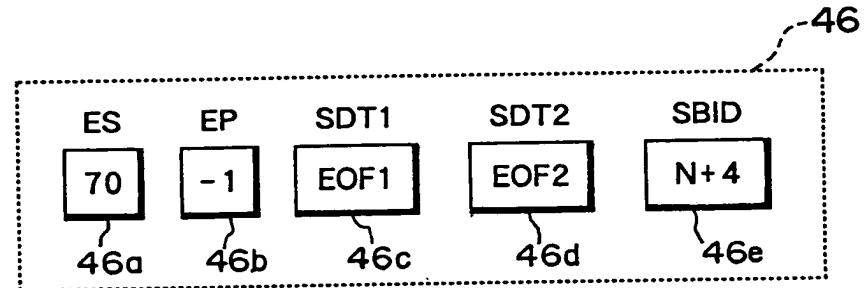


FIG. 268(A)

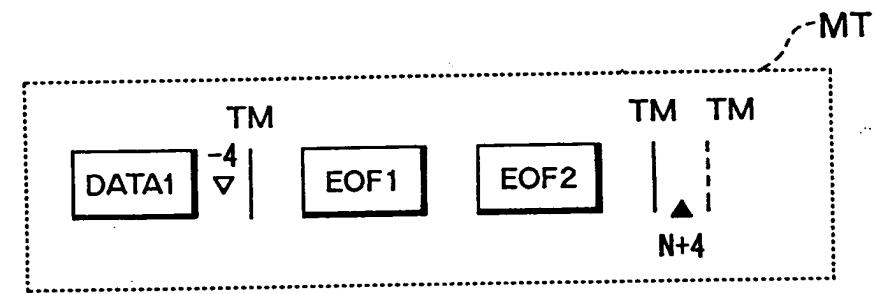


FIG. 268 (B)

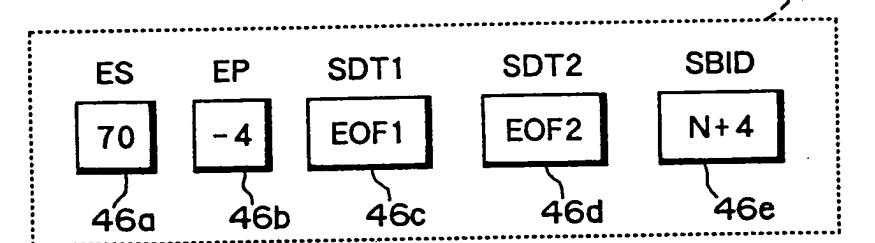


FIG. 269(A)

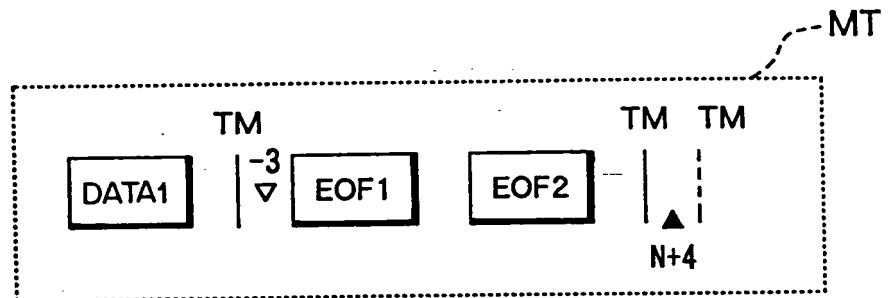


FIG. 269(B)

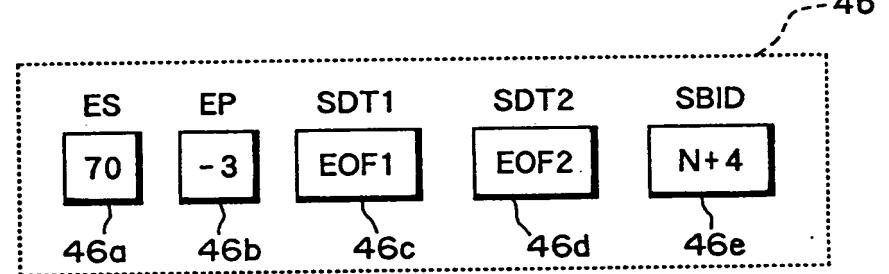


FIG. 270(A)

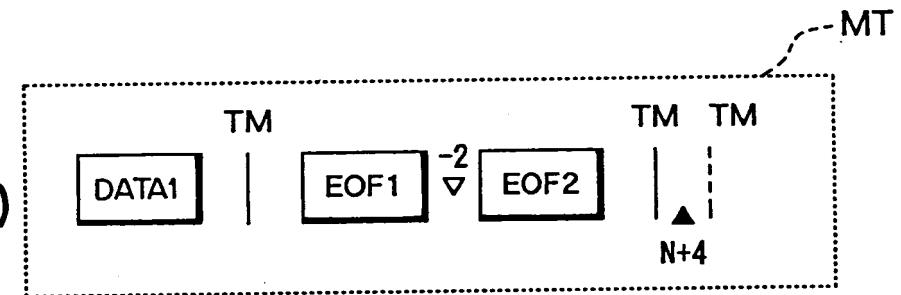


FIG. 270(B)

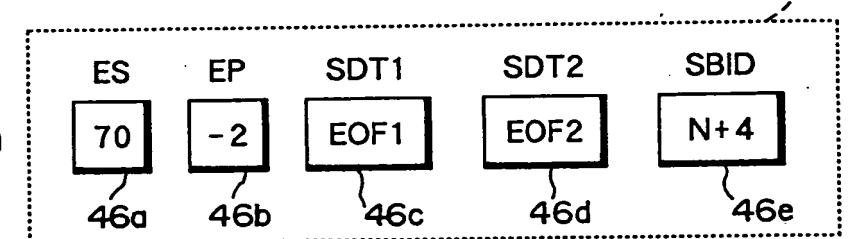


FIG. 271(A)

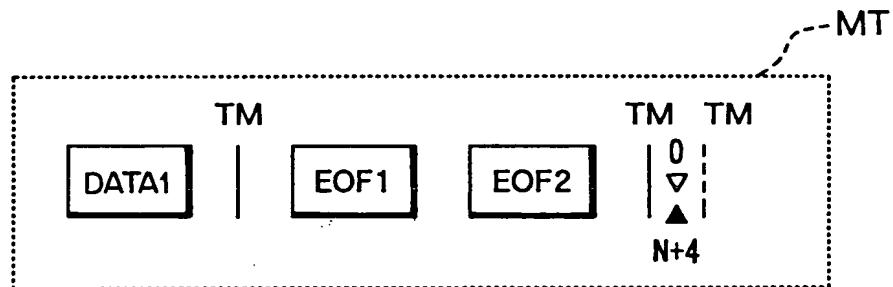


FIG. 271(B)

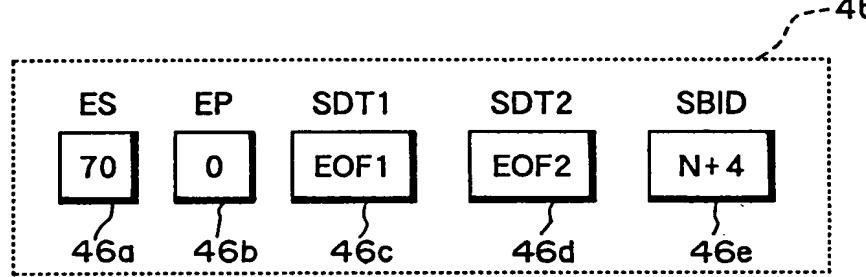


FIG. 272(A)

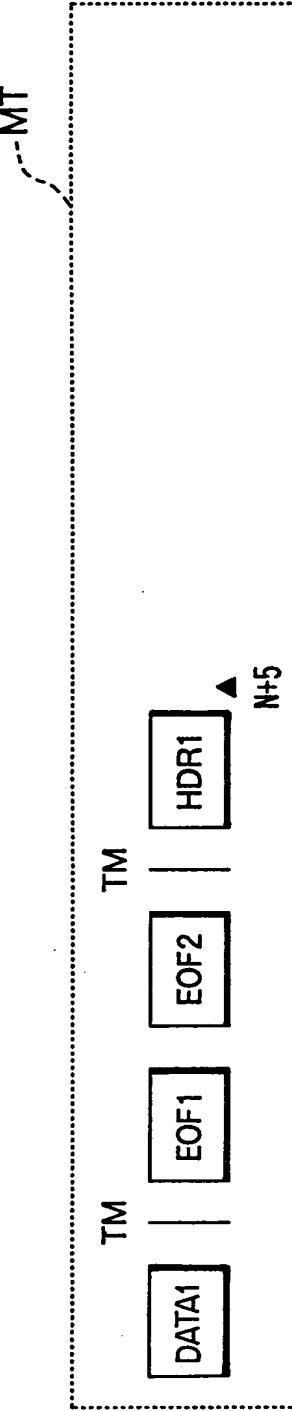
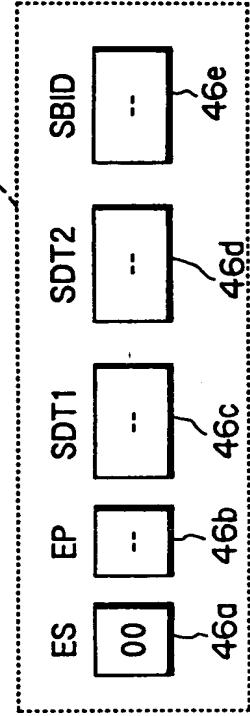


FIG. 272(B)



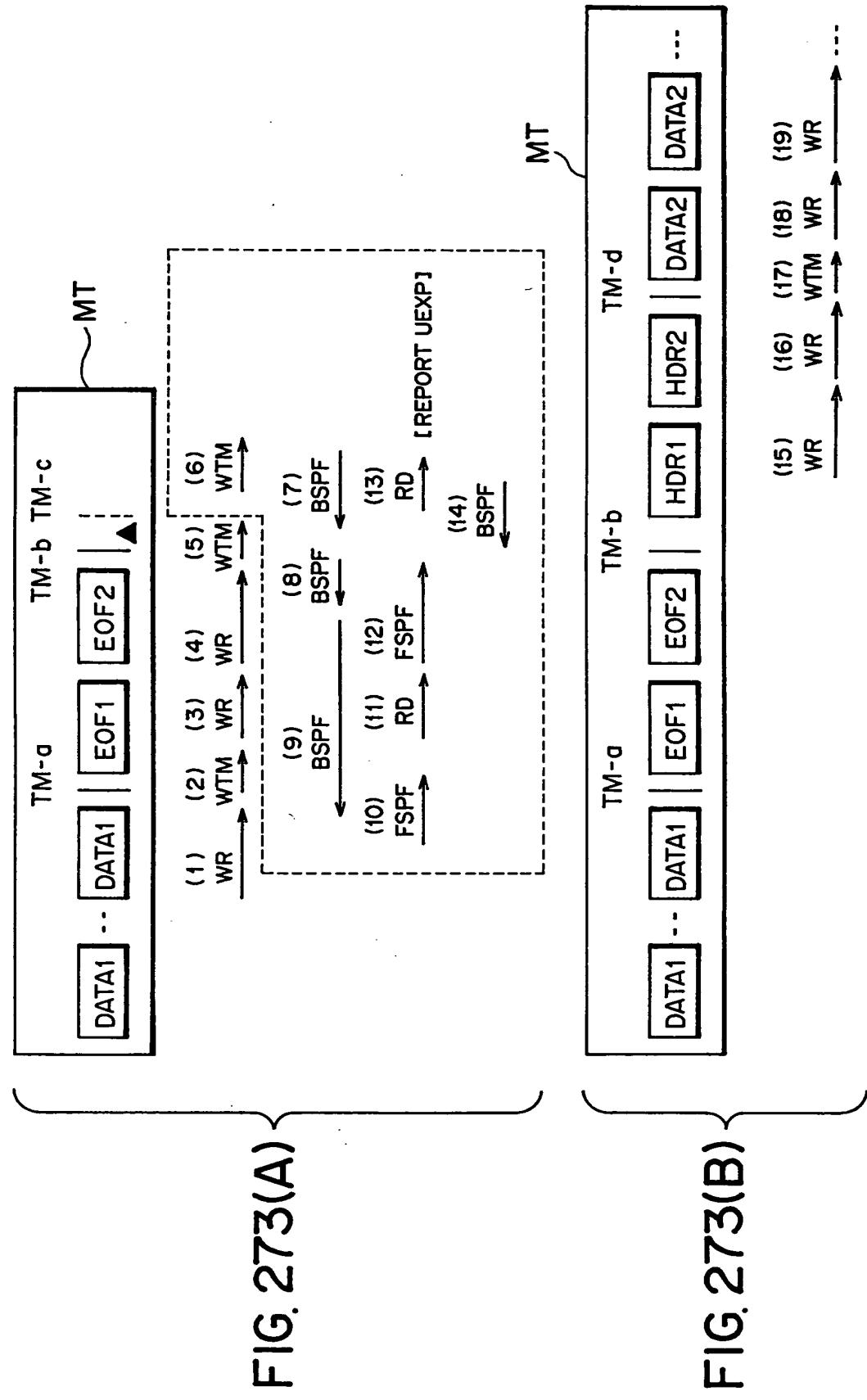


FIG.274

COMMAND	WITHOUT EMULATION	WITH EMULATION	REMARKS
WR	0. 000731	0. 000731	(1)
WTM	0. 713581	0. 713581	(2)
WR	0. 003502	0. 003502	(3)
WR	0. 000641	0. 000641	(4)
WTM	0. 596851	0. 596851	(5)
WTM	0. 298012	0. 000500	(6)
BSPF	0. 460880	0. 000500	(7)
NOP	0. 000548	0. 000500	
LDSP	0. 000521	0. 000521	
LDSP	0. 000469	0. 000469	
LDSP	0. 000493	0. 000493	
NOP	0. 000524	0. 000524	
SN10	0. 002945	0. 002945	
RDVC	0. 000580	0. 000580	
NOP	0. 000529	0. 000529	
SNS	0. 002731	0. 002731	
LDSP	0. 000420	0. 000420	
BSPF	0. 000583	0. 000500	(8)
BSPF	0. 291417	0. 000500	(9)
FSPF	0. 291342	0. 000500	(10)
RD	0. 531535	0. 000500	(11)
FSPF	1. 410659	0. 000500	(12)
RD	0. 581191	0. 000500	(13)
BSPF	0. 000606	0. 000500	(14)
BSPF	0. 455999	0. 000500	(15)
BSPF	0. 293099	0. 000500	(16)
FSPF	0. 290969	0. 000500	(17)
RD	0. 531411	0. 000500	(18)
FSPF	1. 414089	0. 000500	(19)
NOP	0. 290595	0. 000500	
WR	0. 000615	0. 000615	(20)
WR	0. 000615	0. 000615	(21)
WTM	0. 639278	0. 339278	(22)
WR	0. 003324	0. 003324	(23)
WR	0. 000641	0. 000641	(24)
TOTAL	9. 111926	1. 981191	SECOND

FIG.275

COMMAND	WITHOUT EMULATION	WITH EMULATION	REMARKS
WR	0. 000700	0. 000700	(1)
WTM	0. 843145	0. 541334	(2)
WR	0. 011607	0. 011771	(3)
WR	0. 005543	0. 005291	(4)
WTM	0. 615312	0. 310921	(5)
WTM	0. 308603	0. 005847	(6)
BSPF	0. 482427	0. 005927	(7)
NOP	0. 003681	0. 003799	
LDSP	0. 006880	0. 006852	
LDSP	0. 006785	0. 006929	
NOP	0. 003463	0. 003419	
NOP	0. 003500	0. 003514	
SNS	0. 011085	0. 011727	
LDSP	0. 006662	0. 006966	
BSPF	0. 300570	0. 005836	(8)
BSPF	0. 305450	0. 005990	(9)
FSPF	0. 474757	0. 005934	(10)
RD	0. 097280	0. 008346	(11)
FSPF	0. 205869	0. 005892	(12)
RD	0. 306587	0. 004664	(13)
BSPF	0. 476655	0. 005798	(14)
LDSP	0. 006960	0. 006918	
WR	0. 004667	0. 004711	(15)
WR	0. 005425	0. 005041	(16)
WTM	1. 833579	0. 308303	(17)
WR	0. 003300	0. 003300	(18)
WR	0. 000600	0. 000600	(19)
TOTAL	6. 331092	1. 296330	SECOND

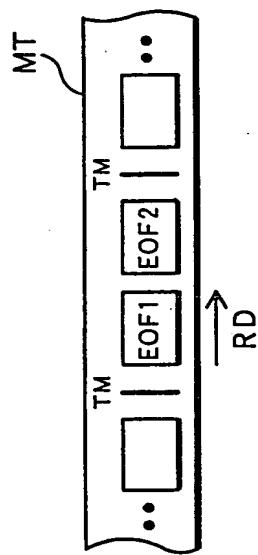


FIG. 276(A) LOGICAL IMAGE

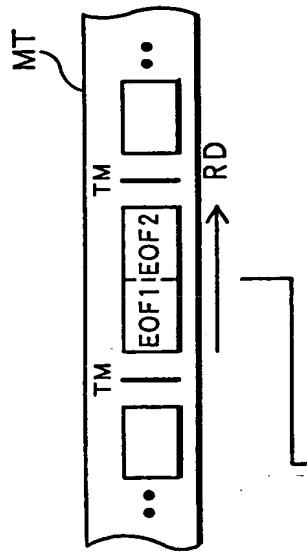


FIG. 276(B) PHYSICAL IMAGE

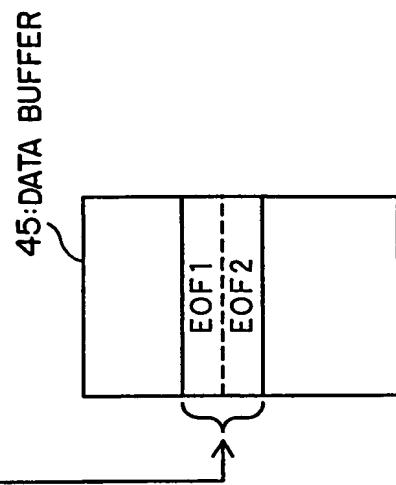


FIG. 276(C)

45:DATA BUFFER